ZAMBIA REVENUE AUTHORITY

My Tax
Your Tax
Our Destiny

ZRA VSDC API DOCUMENTATION

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Smart INVOICE
Invoice the Smart Way

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1. Document revision.

VSDC Service	What's New	Affected Endpoint
Device Initialization	No changes	
Standard Codes	Added	
Classification Codes	No changes	
Branch Information	No changes	
Notices	No changes	
Item Information	No changes	
Import Information	No changes	
Sales Information	Reward Management 1. Customer contact details, specifically phone number, must now be captured when a reward campaign is active on Smart Invoice to facilitate customer enrolment in the programme. 2. The API response body now includes a message indicating whether an active reward programme is running, whether the customer has entered the draw, and whether the customer has won a reward.	/trnsSales/saveSales
Purchase Information	No changes	
Stock Information	No changes	
Commercial invoice information	No changes	
Provisional and final invoice information	No changes	
Other	Security Enhancements 1. Vulnerabilities associated with the H2 Database Engine. 2. Spring4Shell vulnerability. Performance and Stability 1. Faster and more responsive. 2. Better protected against potential data loss or corruption. Improved Throughput and Concurrency 1. Branch-level locking has been replaced with database-level sequencing. 2. Database write locks have been narrowed to the sequence update operation only. 3. Encryption keys are now cached instead of being re-derived for every operation, reducing CPU consumption. 4. CIS installations can now process multiple transactions concurrently, without requests being unnecessarily queued.	

	Improved Error Reporting and Monitoring 1. The generic **"899" error code**, which previously represented multiple failure scenarios, has been enhanced to provide more specific and meaningful error information. 2. The dashboard has been enhanced to provide real-time visibility into key performance and operational metrics of the API hosting environment. Enhanced Resilience During Connectivity Loss 1. The mechanism has been improved to scan all transactions in the environment and automatically retry the submission of transactions that may not have been successfully reported. Long-Term Database Performance 1. A nightly database maintenance process has been introduced to improve long-term system performance.	

Acronyms

ZRA – Zambia Revenue Authority
VSDC – Virtual Sales Data Controller
API – Application Programming Interface
ERP – Enterprise Resource Planning
CIS – Certified Invoicing Solution
TPIN – Taxpayer Identification Number
REST – Representational State Transfer
JSON – JavaScript Object Notation
HTTP – Hypertext Transfer Protocol
UAT – User Acceptance Testing
WAR – Web Application Archive
JAR – Java Archive
ASYCUDA - Automated System for Customs Data

2. Introduction

2.1. Overview

Smart Invoice is a software solution implemented by the Zambia Revenue Authority (ZRA) to facilitate and execute electronic invoicing processes and optimize stock management. It serves as a comprehensive tool utilized by all taxpayers and business proprietors to oversee and conduct various invoice transactions, monitor stock levels, track stock movements, and efficiently manage operations across multiple branches or locations. In instances where taxpayers utilize their independent invoicing solutions, ZRA extends support through a Virtual Sales Data Controller (VSDC), that acts as a seamless bridge between Certified invoicing systems and ZRA Smart Invoice. This document is designed to provide developers and third-party integrators with comprehensive information on essential components, including API endpoints, data models, and guidance on seamlessly integrating their invoicing systems with the Smart Invoice through the VSDC API.

2.2. Audience

The target audience of this document comprise individuals utilizing private Enterprise Resource Planning Systems (ERPs) and developers/vendors of these third-party invoicing solutions.

3. Technical Reference

3.1. VSDC Environments

The VSDC API provides functionality in two distinct environments: Test and Production. The Test VSDC API is utilized in a test environment, ensuring no impact on production data during integration testing and development. The test VSDC API allows access to data that is specifically linked to the taxpayer's Taxpayer Identification Number (TPIN) and device registration information captured within Smart Invoice sandbox. By using the Test VSDC API, you can securely validate and test your integration without the possibility of unintended alterations to actual sales, import, purchase, and stock information in the production environment.

After development and testing, and once the integration with the test VSDC has successfully passed User Acceptance Testing (UAT), the CIS is rolled out in the live environment for smooth integration and operational purposes. In the production environment, the production VSDC API manages and processes actual sales, import, purchase, and stock information.

Other technical details to be used for reference are outlined in the table below.

Title	Content
Supported Programming Languages	All
Architectural Style	REST
Communication Protocol	HTTP
Data Exchange Format	JSON
Supported Operating System	Windows Server/10+, Unix, Linux
Supported Webservers	Apache HTTPd server, Apache Tomcat Version: ≥ 9.0 and < 10.0, Eclipse Jetty, Oracle WebLogic
VSDC Java Version	Latest Java version 8 or higher
VSDC Distributed Package	WAR/JAR
VSDC API Base URL (Production/Test)	http://<hostname>: <server.port>/<vsdcpath> e.g. https://localhost:8080/zrasandboxvsdc
VSDC Postman Collection	https://www.postman.com/warped-astronaut-6832/virtual-sales-data-controller-api/overview

3.2. Authentication

The VSDC API utilizes API keys as a security mechanism to authenticate all requests originating from third-party systems to Smart Invoice. These unique API keys are retrieved by the VSDC during the device initialization process and stored securely on the server where the VSDC is hosted. Every subsequent API request sent via the VSDC will inherently contain these keys, removing the necessity for developers to acquire or add them manually to any request.

3.3. Data Types

The VSDC API operates with data types that align with JSON formatting standards. It is essential to adhere strictly to the prescribed data formats and structures for requests and responses as outlined in their respective sections when interacting with each endpoint.

3.4. Request and Response Bodies

The VSDC API utilizes JSON data format for communication. When sending requests, ensure that the data is structured as JSON objects. Similarly, all responses from the API will be encoded in JSON format for consistent handling and interpretation.

3.5. Process Flow

Some VSDC API endpoints depend on prior operations being finished before they can carry out the desired transaction or process effectively. In these interconnected endpoints, the documentation will clearly indicate the prerequisite operations within the corresponding endpoint section.

Response Codes

The VSDC API utilizes standard HTTP response codes to communicate API request success or failure. In addition, custom response codes have been added to the JSON response body to indicate the specifics of the API request. Refer to Section 5 the API response codes section for further details.

4. Getting Started

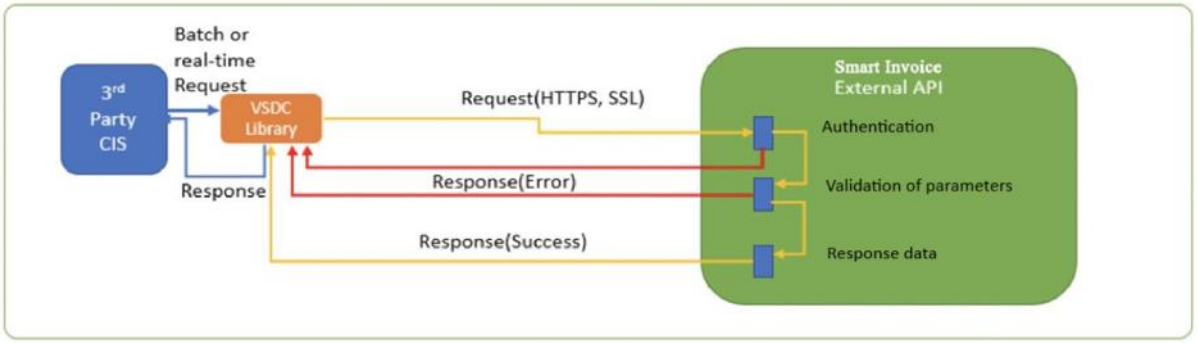
4.1. Signup and Registration

To access the VSDC API, users are required to register on the Smart Invoice Taxpayer Portal initially. Subsequently, they must apply for a VSDC service, undergo technical and administrative verification, and await approval. Once approved by the Zambia Revenue Authority (ZRA), users receive the VSDC as a WAR/JAR file, accessible for download from the Portal under 'Device Management.' They can then deploy and configure it on their local server for use. The diagram below illustrates this process visually.

Note: Signup and registration take place in both the test and production environments. The access to each environment depends on the taxpayer's current stage of integration.

4.2. VSDC Setup and Initialization

Once you've installed the VSDC API on your local server, follow the specified steps during device initialization to activate it for data transmission and reception. Upon completing this initialization, you can start sending and receiving transaction data with Smart Invoice. The diagram below visually illustrates this communication process.



4.3. VSDC Services

The VSDC services are categorized into eight (8) groups according to their specific purposes. Below is a concise overview introducing the purpose of each category.

1. Device initialization
    a. The initialization process is used to verify the device's identity, retrieve security keys, save configuration settings, and prepare the device for interaction with Smart Invoice.
    b. The methods in this category are only invoked during the initial setup of the VSDC.
2. Code Data
    a. The methods in this category are used to fetch standard codes from Smart Invoice such as item classification codes, tax category codes, package type, units of measurement, and weight codes.
3. Branch Information
    a. The methods in this category are used to transmit specific branch information, including details about customers and staff and to fetch information about all registered branches by a taxpayer.
4. Item Information
    a. The methods in this category are used to transmit details of products or services that are registered in a taxpayer's CIS.
5. Import Information
    a. The methods in this category facilitate the exchange of all data associated with imported items by a taxpayer, which have been declared in the ZRA customs system ASYCUDA. Using these endpoints, a taxpayer can fetch imported items and register acknowledgement of importation of these items of Smart Invoice.
6. Sales Information
    a. The methods in this category are used to transmit sales data from a taxpayer’s CIS to Smart Invoice.
7. Purchase Information
    a. The methods in this category are used to fetch purchases made by a taxpayer from another Smart invoice user from Smart Invoice, and to transmit purchase information from a non-Smart Invoice user, from a CIS to Smart Invoice. This information encompasses precise particulars related to each purchase, including supplier details, invoice number, item specifics, and the transaction's date and time.
8. Stock Information
    a. The methods in this category are used to transmit information related to the taxpayer's inventory, including details about stock status, movements, and adjustments.

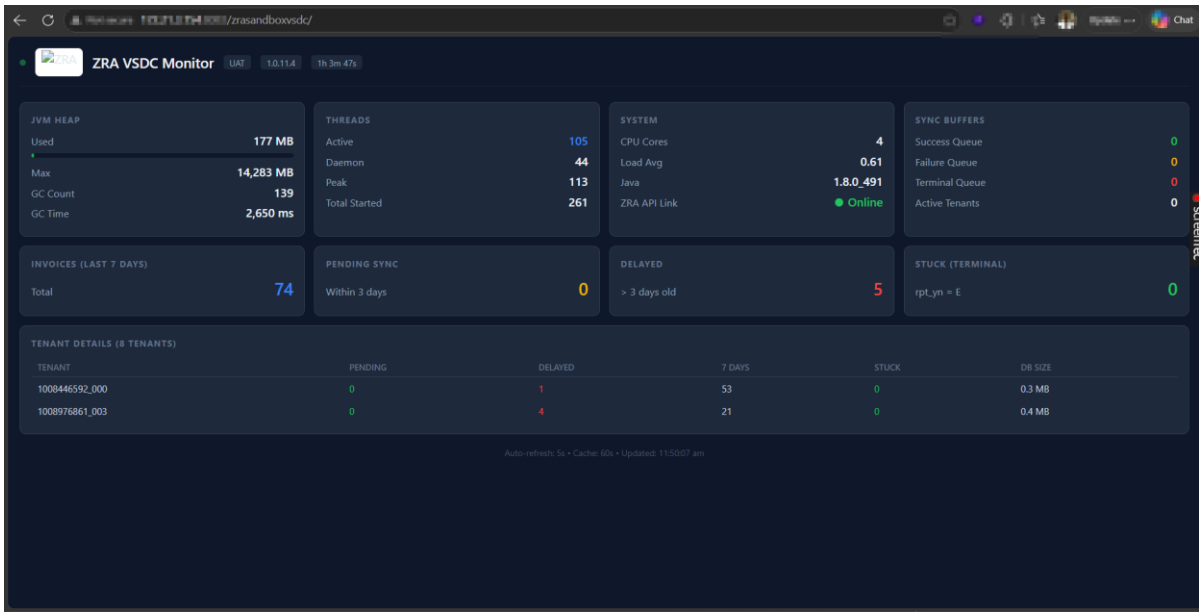
4.4. VSDC API Versions

The API version is determined by the release date of a new version. Taxpayers will receive notifications regarding the latest additions and modifications to the API version through the publication of the new specifications document on the ZRA website.

4.5. Interacting with the VSDC API

This section demonstrates how to make an API request to the VSDC:

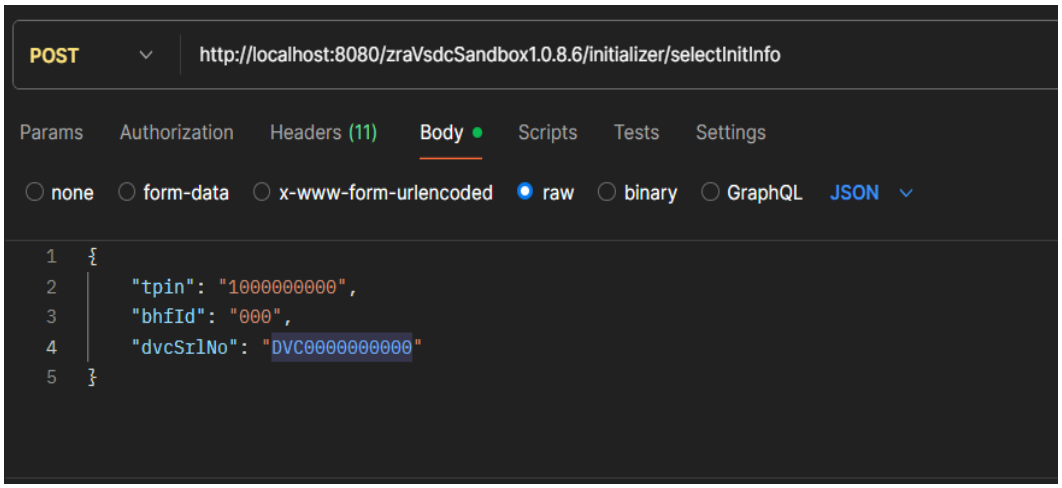
1. VSDC Setup
    a. Install the VSDC WAR file, acquired after completing the registration process, onto your server and run the application.
    b. When deployed, run the URL in your browser. You should have a landing page like below.



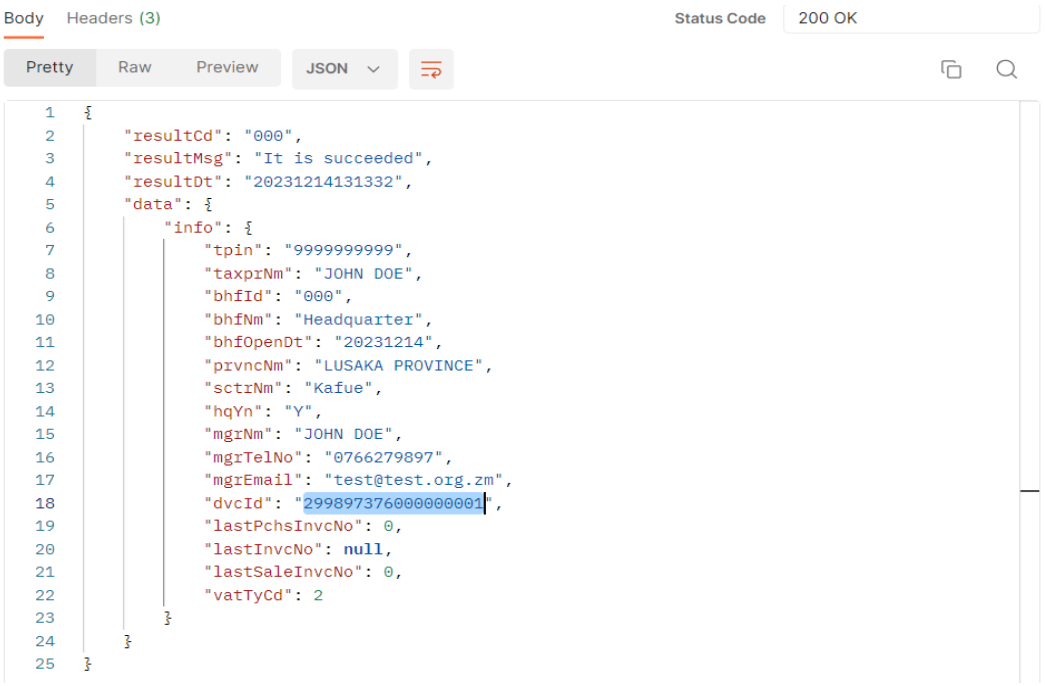
2. Initiate a request.
    a. Select an endpoint and specify the HTTP method to indicate the desired operation. For example, the ***'device initialization'*** endpoint uses the HTTP method **POST** and the path ***'initializer/selectInitInfo'***.
    b. Ensure to identify any necessary parameters that should be included in the request header, request body, or as part of the path.
    c. Upon invocation of the selected endpoint, the API will provide response status codes, response headers, and a response body.

4.6. Sample Request Illustration using Postman API Client

Request



Response

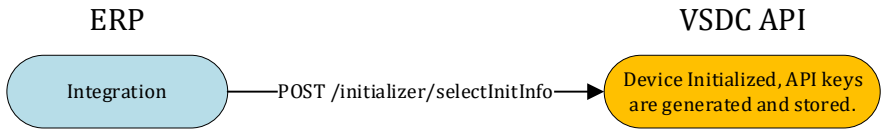


5. VSDC API Services

5.1. Device Initialization

The Device Initialization API streamlines the secure establishment of a connection between the VSDC and ZRA's Smart Invoice backend. It retrieves security keys from Smart Invoice, which will be used to verify the identity of the communicating device and limit API access to authorized devices. Additionally, it facilitates the loading of essential configuration settings necessary for seamless integration operations onto the server hosting the VSDC.

- **Endpoint**: /initializer/selectInitInfo
- **Request method**: POST.
- **Requirement**: MANDATORY
- **Description**: Initializes the device for interaction between CIS and Smart Invoice. Initial endpoint, only called once for any new device registration on smart invoice. Retrieves APIs keys used to authenticate and verify user.
- **Request Parameters**: TPIN, Branch Id, Device Serial No (All provided by ZRA)
- **Response**: Returns confirmation of successful device initialization along with generated security keys and loaded configuration settings.
- **Note**: This endpoint is only required to be called once. Details returned in the response MUST be stored locally for future reference. A response of "Device already installed indicates that the request data was already utilized to call this endpoint."



Initialization Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
InitInfoReq	Device Initialization Request	tpin	Taxpayer's identification number.	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch identifier. Available under device management in the Taxpayer Portal.	Branch ID	VARCHAR	Y	3
		dvcSrlNo	VSDC identifier. Available under device management in the Taxpayer Portal.	Device Serial Number	VARCHAR	Y	100
JSON REQUEST SAMPLE							
Request Body	{"**tpin**":"1000000000","**bhfId**":"000","**dvcSrlNo**":"20180520000000"}						

Initialization Response

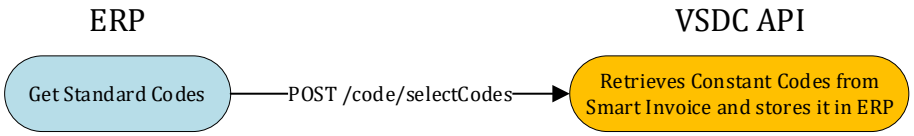
Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
InitInfoRes	Device Initialization Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	2000
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	14
		tpin	This is the taxpayer identification number	TPIN	VARCHAR	10
		taxprNm	This is the taxpayer's name as registered on the core tax administration system	Taxpayer Name	VARCHAR	255
		bsnsActv	This is the taxpayer's main business activity as registered on the core Tax Administration system	Business Activity	VARCHAR	100
		bhfId	Taxpayer branch (store) location identifier	Branch Office Id	VARCHAR	3
		bhfNm	Taxpayer branch (store) name	Branch Office Name	VARCHAR	60
		bhfOpenDt	This is the date when the branch was initialized	Branch Date Created	VARCHAR	8
		prvncNm	This is the taxpayer's registered province	Province Name	VARCHAR	100
		dstrtNm	This is the taxpayer's registered district	District Name	VARCHAR	100
		sctrNm	This is the taxpayer's registered sector (town)	Sector Name	VARCHAR	100
		locDesc	This is the taxpayer's registered location	Location Description	VARCHAR	100
		hqYn	This is an indication of whether the branch is HQ or otherwise. It is registered by ZRA and communicated with the taxpayer in this endpoint	Head Quarter	VARCHAR	1

		mgrNm	This is the registered name of the applicant for VSDC	Manager Name	VARCHAR	60
		mgrTelNo	This is the registered mobile number of the VSDC applicant	Manager Contract Number	VARCHAR	20
		mgrEmail	This is the registered email of the applicant for VSDC	Manager Email	VARCHAR	50
		sdicId	This is a unique device identifier supplied by ZRA	SDC id	VARCHAR	12
		mrcNo	This is an identifier supplied by ZRA	MRC No	VARCHAR	11
		lastSaleInvcNo	This is the last sales invoice number processed by the device. On initial request the returned value is 0.	Last Sale Invoice Number	NUMBER	38
		lastPchsInvcNo	This is the last purchase invoice number processed by the device. On initial request the returned value is 0.	Last Purchase Invoice Number	NUMBER	38
		lastSaleRcptNo	This is the last sales receipt number processed by the device. On initial request the returned value is 0.	Last Sale Receipt Number	NUMBER	38
		lastInvcNo	This is the last invoice number processed by the device. On initial request the returned value is 0.	Last CIS invoice number	NUMBER	38
		lastTrainInvcNo	This is the last training invoice number processed by the device. On initial request the returned value is 0.	Last Training Invoice Number	NUMBER	38
		lastProfrmInvcNo	This is the last proforma invoice number processed by the device. On initial request the returned value is 0.	Last Proforma Invoice Number	NUMBER	38
		lastCopyInvcNo	This is the last copy invoice number processed by the device. On initial request the returned value is 0.	Last Copy Invoice Number	NUMBER	38
JSON RESPONSE SAMPLE						
Response Body	{ "resultCd": "000", "resultMsg": "It is succeeded", "resultDt": "20240507072439", "data": { "info": { "tin": "1000000000", "taxprNm": "SMART INVOICE USER", "bsnsActv": null, "bhfId": "000","bhfNm": "Headquarter","bhfOpenDt": "20240430","prvncNm": "COPPERBELT PROVINCE","dstrtNm": null,"sctrNm": "Ndola","locDesc": "100, SMART INVOICE, STREET 1","hqYn": "Y","mgrNm": " SMART INVOICE USER ","mgrTelNo": "09000000000","mgrEmail": "smartuser@email.org.zm","sdcId": "SDC0010000553","mrcNo": "WIS00001092 ","lastPchsInvcNo": 0,"lastSaleRcptNo": 3,"lastInvcNo": null,"lastSaleInvcNo": 2,"lastTrainInvcNo": null,"lastProfrmInvcNo": null, "lastCopyInvcNo": null } }}				

5.2. Standard Codes (Constants)

The Standard Codes API facilitates access to predefined values utilized in API requests to represent specific attributes concisely. These constant codes convey essential information such as units of measurement, packaging units, sale types, product types etc.

- **Endpoint**: /code/selectCodes
- **Request method:** POST.
- **Requirement**: MANDATORY
- **Description**: Retrieves a comprehensive list of standard codes along with their descriptions to be stored and used for all transaction requests in taxpayer's third-party system.
- **Request Parameters**: TPIN, Branch Id, Last Request Date.
- **Response**: Returns a list of standard codes along with detailed descriptions to be stored in third-party system.
- **Note**: Details returned in the response MUST be stored locally for future reference.



Standard Codes Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
CodeReq	Search code Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20231215000000	Last Request Date	VARCHAR	Y	14
	JSON REQUEST SAMPLE						
Request Body	{"**tpin**": "1000000000","**bhfId**": "000","**lastReqDt**":"20231215000000"}						

Standard Codes Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length

CodeRes	Search code Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	14
		cdCls	This is the standard code class	Code Class	VARCHAR	2
		cdClsNm	This is the standard code class name	Code Class Name	VARCHAR	60
		cd	This is the standard code	Standard Code	VARCHAR	5
		cdNm	This is the standard code name	Standard Code Name	VARCHAR	60
		userDfnNm1	This is the standard code value	User Define Name 1	VARCHAR	60
JSON RESPONSE SAMPLE						
{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240508142729","data":{"clsList":[{"cdCls":"04","cdClsNm":"Taxation Type","dtlList":[{"cd":"A","cdNm":"Standard Rated"},{"cd":"B","cdNm":"MTV"},{"cd":"C1","cdNm":"Exports"},{"cd":"C2","cdNm":"Zero-rating LPO"},{"cd":"C3","cdNm":"Zero-rated by nature"},{"cd":"D","cdNm":"Exempt"},{"cd":"RVAT","cdNm":"Reverse VAT"},{"cd":"E","cdNm":"Disbursement"},{"cd":"TOT","cdNm":"TOT"}]}]}}						

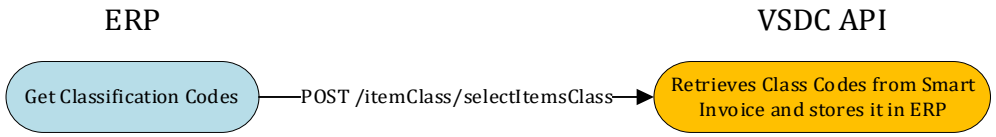
5.3. Classification Codes

Smart Invoice utilizes the United Nations Standard Products and Services Code (UNSPSC) as the standardized classification system for products and services. The Classification Codes API allows third-party systems to integrate the UNSPSC, enabling accurate categorization of products/items.

This API provides developers with access to the updates of the UNSPSC code list stored on Smart Invoice. A complete list of these codes is readily available for access by the developers of smart invoice solutions, for classification of their products. It can be accessed on the ZRA website under the Smart Invoice tab. All classifications of products must be done at commodity level. Where a commodity level does not apply, the closest must be utilized in classifying products or services.

- **Endpoint**: /itemClass/selectItemsClass
- **Request method**: POST.
- **Requirement**: MANDATORY
- **Description**: Retrieves and stores updates to classification codes used for item management. Due to the substantial size of classification codes, the API implements pagination. Developers can retrieve codes in batches of 1000, optimizing performance and minimizing data transfer overhead.
- **Request Parameters**: TPIN, Branch Id, Last Request Date

- **Response**: Returns the requested classification codes in the JSON-encoded format, ready to be stored and utilized within the third-party system.
- **Note**: Details returned in the response MUST be stored/updated locally.



Item Class Codes Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
ItemClsReq	Search Classification Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20231215000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Item Class Codes Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
ItemClsRes	Search Classification Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200	
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	14	
		itemClsCd	This is the item classification code (UNSPSC)	Item Class Code	VARCHAR	10	
		itemClsNm	This is the item name	Item Class Name	VARCHAR	200	
		itemClsLvl	This is the item class level	Item Class Level	NUMBER	10	
		taxTyCd	This is the item tax type code	Taxation Type Code	VARCHAR	5	See '6.1 Tax Type'
		mjrTgYn		Whether it is Major Target	VARCHAR	1	
		useYn	This is the active status of the item class code	Used / UnUsed	VARCHAR	1	
JSON RESPONSE SAMPLE							
{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240129000001","data":{"itemClsList":[{"itemClsCd":"15121513","itemClsNm":"Graphite lubricants","itemClsLvl":4,"taxTyCd":null,"mjrTgYn":null,"useYn":"Y"},{"itemClsCd":"50122001","itemClsNm":"Wild caught alaska pollock","itemClsLvl":4,"taxTyCd":null,"mjrTgYn":null,"useYn":"Y"}]}}							

5.4. Notices

The Notices API serves as a means for ZRA to communicate important announcements and upcoming events/updates to users of Smart Invoice. This API specification enables the retrieval of all notices published by ZRA.

- **Endpoint**: /notices/selectNotices
- **Request method**: POST.
- **Requirement**: OPTIONAL
- **Description**: Retrieves details of all notices published by ZRA on Smart Invoice.
- **Request Parameter**: TPIN, Branch Id, Last Request Date
- **Response**: Returns a list of notices published by ZRA.

Notices Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
NoticeReq	Search Notice Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20231215000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Notices Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
NoticeRes	Search Notice Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date	Result Date time	VARCHAR	14
		noticeNo	This is the Notice number	Notice Number	NUMBER	10
		title	This is the Notice title	Title	VARCHAR	1000
		cont	This is the content of the notice	Contents	VARCHAR	4000
		dtlUrl	This is the Notice URL	detail URL	VARCHAR	200
		regrNm	This is the username of the uploader of the Notice	Registration name	VARCHAR	60

		regDt	This is the reg date of the Notice	Registration date time	VARCHAR	14
JSON RESPONSE SAMPLE						
{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240509170304","data": {"noticeList":[{"noticeNo":1,"title":"Smart Invoice Full Roll-out","cont":"Roses are Red, Penalties are Red\r\nDo not forget to issue a valid Tax Invoice!! Use Smart Invoice...","dtlUrl":"https://sandboxapi.zra.org.zm/SmartInvoiceExtApi//common/link/sip/receipt/indexSiNotice?noticeNo=1","regrNm":"ZRA","regDt":"20231215000000"}] }}						

5.5. Branch Information

The Branch API facilitates the seamless integration of branch information from third-party systems into Smart Invoice. This API allows businesses to efficiently manage and retrieve data pertaining to branches and branch users within Smart Invoice that has been shared by the third-party system.

SAVE BRANCH USER

- **Endpoint:** /branches/saveBrancheUser
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Saves branch user accounts created in the third-party system to Smart Invoice.
- **Request Parameters:** Branch user data including name, contact information, address, etc.
- **Response:** Returns confirmation of successful creation of branch user on Smart Invoice.

Save Branch User Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
BhfUserSaveReq	Save Branch User Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		userId	This is the unique identifier assigned to the users of the system	User ID	VARCHAR	Y	20
		userNm	This is the username assigned to the user of the system	Username	VARCHAR	Y	60
		adrs	This is the user's address	Address	VARCHAR	N	200
		useYn	This is the user active status on the system	Used / UnUsed	VARCHAR	Y	1
		regrNm	This is the username of the creator of branch user	Registrant Name	VARCHAR	Y	60
		regrId	This is the user id of the creator of the branch user	Registrant ID	VARCHAR	Y	20
		modrNm	This is the username of the modifier of the details of the branch user	Modifier Name	VARCHAR	Y	60
		modrId	This is the user id of the modifier of the details of the branch user	Modifier ID	VARCHAR	Y	20
JSON REQUEST SAMPLE							
{"tpin":"1000000000","bhfId":"000","userId":"SMART USER","userNm":"SMART USER","adrs":"Smart Invoice Street 1234","useYn":"Y","regrNm":"Admin","regrId":"Admin","modrNm":"Admin","modrId":"Admin"}							

Save Branch User Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
BhfUserSaveRes	Save Branch User Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

GET BRANCHES

- **Endpoint:** /branches/selectBranches
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Retrieve details of all registered branches from Smart Invoice.
- **Request Parameters:** TPIN, Branch Id, Last Request Date.
- **Response:** Retrieves a comprehensive list of all branches registered in Smart Invoice, including detailed information such as the branch name, physical address, etc.

Get Branches Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
BhfReq	Search Branch Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
BhfRes	Search Branch Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date	Result Date	VARCHAR	14
		tpin	This is the taxpayer identification number	TPIN	VARCHAR	10
		bhfId	This is the branch (store) identifier	Branch Office ID	VARCHAR	3
		bhfNm	This is the branch name	Branch Office Name	VARCHAR	60

		bhfSttsCd	This is the branch status code	Branch Status Code	VARCHAR	5
		prvncNm	This is the branch province name	Province Name	VARCHAR	100
		dstrtNm	This is the branch district name	District Name	VARCHAR	100
		sctrNm	This is the branch sector	Sector Name	VARCHAR	100
		locDesc	This is the branch location	Location Description	VARCHAR	100
		mgrNm	This is the branch applicant name	Manager Name	VARCHAR	60
		mgrTelNo	This is the branch applicant contact	Manager Contact	VARCHAR	20
		mgrEmail	This is the branch applicant email	Manager Email	VARCHAR	100
		hqYn	This is the branch location	Head Office Yes/No	VARCHAR	1

JSON RESPONSE SAMPLE

{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240509173301","data":{"bhfList":[{"tin":"1000000000","bhfId":"000","bhfNm":"Headquarter","bhfSttsCd":"01","prvncNm":"LUSAKA PROVINCE","dstrtNm":null,"sctrNm":"Lusaka","locDesc":null,"mgrNm":"SMART USER","mgrTelNo":"07xxxxxxxx","mgrEmail":"smartuser@email.org.zm","hqYn":"Y"},{"tin":"1000000000","bhfId":"001","bhfNm":"Secondary Branch","bhfSttsCd":"01","prvncNm":"LUSAKA PROVINCE","dstrtNm":null,"sctrNm":"Chilanga","locDesc":null,"mgrNm":"Smart User","mgrTelNo":"+26xxxxxxxxxx","mgrEmail":"smartuser@email.org.zm","hqYn":"N"}]}}

5.6. Customer Information

The Customer API acts as a connection point linking your third-party system with Smart Invoice, allowing smooth transfer and handling of customer data. This API specification allows for the creation, retrieval, and editing of customer details in Smart Invoice based on data provided by the third-party system.

GET CUSTOMERS

- **Endpoint:** /customers/selectCustomer
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Retrieves customer details based on the provided customer TPIN.
- **Request Parameters:** TPIN, Branch Id, Customer TPIN

- **Response**: Returns customer details saved on Smart Invoice including name, contact information, address, etc.

Get Customer Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
CustReq	Search Customer Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		custmTpin	This is the TPIN of a previously saved customer	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin":"1000000000","bhfId": "000","custmTpin": "2000000000"}						

Get Customer Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
CustRes	Search Customer Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200	
		resultDt	This is the VSDC response date	Result Date	VARCHAR	14	
		tpin	This is the taxpayer identification number	Taxpayer TPIN	VARCHAR	10	
		taxprNm	This is the customer's name	Taxpayer Name	VARCHAR	60	
		taxprSttsCd	This is the customer's taxpayer status code	Taxpayer Status Code	VARCHAR	5	
		prvncNm	This refers to the province where the customer has their registration.	Province Name	VARCHAR	100	
		dstrtNm	This refers to the district where the customer has their registration.	District Name	VARCHAR	100	
		sctrNm	This refers to the sector where the customer has their registration.	Sector Name	VARCHAR	100	
		resultCd	This it the customer's registered location	Telephone Number	VARCHAR	3	
	JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240509173806","data":{"custList":[{"tpin":"1000000000","bhfId":"000","custNo":"09xxxxxxxx","custTpin":"2000000000","custNm":"TAXPAYER 1","adrs":null,"telNo":"09xxxxxxxx","email":null,"faxNo":null,"useYn":"Y","remark":"Walk-in Customer","regrId":null,"regrNm":null,"modrId":null,"modrNm":null}]}}						

SAVE BRANCH CUSTOMER

- **Endpoint:** /branches/saveBrancheCustomers
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Saves customer details captured in third-party system to Smart Invoice.
- **Request Parameters:** Customer data including name, contact information, address, etc.
- **Response:** Returns confirmation of successful creation of customer.

Save Branch Customer Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Required	Data Type	Data Length
BhfCustSaveReq	Save Branch Customer Request	Tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	Y	VARCHAR	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	Y	VARCHAR	3
		custNo	This is the customer's mobile number	Customer Number	Y	VARCHAR	9
		custTpin	This is the customer's TPIN	Customer TPIN	Y	VARCHAR	10
		custNm	This is customer's name	Customer Name	Y	VARCHAR	60
		Adrs	This is the customer's address	Address	N	VARCHAR	300
		Email	This is the email of the customer	Email	N	VARCHAR	50
		faxNo	This is the fax of the customer	Fax Number	N	VARCHAR	20
		useYn	This is the active status of the customer	Used (Y/N)	Y	VARCHAR	1
		remark	This is a remark on the registered user	Remark	N	VARCHAR	1000
		regrNm	This is the username of the system user adding the customer	Registrant Name	Y	VARCHAR	60
		regrId	This is the user id of the system user adding the customer	Registrant ID	Y	VARCHAR	20
		modrNm	This is the username of the system user modifying the customer	Modifier Name	Y	VARCHAR	60
		modrId	This is the user id of the user modifying the customer details	Modifier ID	Y	VARCHAR	20

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","custNo":"097xxxxxxx","custTpin":"2000000000","custNm":"ZRA","adrs":null,"email":null,"faxNo":null,"useYn":"Y","remark":null,"regrNm":"Admin","regrId":"Admin","modrNm":"Admin","modrId":"Admin"}

Save Branch Customer Response

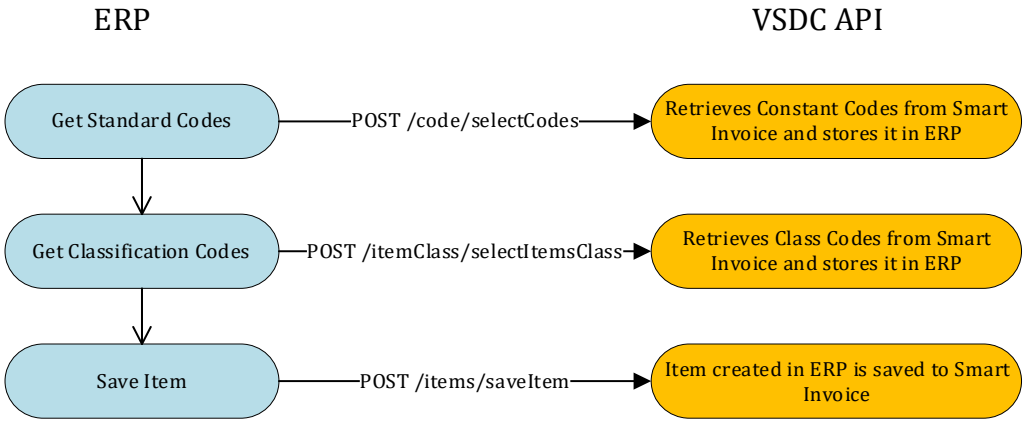
Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
BhfCustSaveRes	Save Branch Customer Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

5.7. Item Information

The Item API enables the seamless integration of product or service information from third-party systems into Smart Invoice. An item refers to any product or service offered or sold by a business. Developers can utilize the Item API endpoints to transmit details about each item, such as product names, descriptions, pricing information, units of measure, and classification codes. This integration ensures that Smart Invoice maintains an up-to-date and synchronized record of all items a business has available for sale, aligning with the data in the third-party system.

SAVE ITEM

- **Endpoints:** /items/saveItem
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** Saves product or services created in third-party system to Smart Invoice.
- **Request Parameter:** Item data including name, description, price quantity, category, etc.
- **Response:** Returns success for the saved product of service.
- **Dependency:** This endpoint requires valid standard and classification codes. To ensure successful use, retrieve and store/update these codes before calling the endpoint with its attributes.
- **Note:** This endpoint allows you to register the products/services your offer with ZRA. It is used solely for the purpose of recording these items. Stock-in and stock adjustments will be invoked by other process such as purchase, import or sales. All items registered must align with level 4 of the UNSPSC codes list. Where not found, businesses must align to the closest codes at that level.



Save Item Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
ItemSaveReq	Save Item Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	See '6.16. Item code'
		itemClsCd	This is the USNPSC item classification code.	Item Classification Code	VARCHAR	Y	10	Retrieve this from the Item classification code dictionary under the Smart Invoice Tab on the ZRA website
		itemTyCd	This is the item product type	Item Type Code	VARCHAR	Y	5	See '6.2. Product type'
		itemNm	This is the name of the item being registered by the taxpayer	Item× Name	VARCHAR	Y	200	
		itemStdNm		Item Standard Name	VARCHAR	N	200	
		orgnNatCd	This is the country of origin of the registered item	Origin Place Code (Origin country code)	VARCHAR	Y	5	See '6.3. Country Codes'
		pkgUnitCd	This is the item packaging unit code	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'

		qtyUnitCd	This is the item quantity code	Quantity Unit Code	VARCHAR	Y	5	See ‘6.5. Units of Measure’
		vatCatCd	This is the VAT category code of a registered item. Where not applicable, pass null	VAT category Code	VARCHAR	Y	5	See ‘6.1. Tax Type’
		iplCatCd	This is the IPL category code of the registered item. Where not applicable, pass null	IPL category code	VARCHAR	Y	5	See ‘6.1. Tax Type’
		tlCatCd	This is the TL category code of the registered item. Where not applicable, pass null	TL category code	VARCHAR	Y	5	See ‘6.1. Tax Type’
		exciseTxCatCd	This is the Excise category code of the registered item	Excise tax category code	VARCHAR	Y	5	See ‘6.1. Tax Type’
		btchNo	This is the item batch number	Batch Number	VARCHAR	N	10	
		bcd	This is the item barcode	Barcode	VARCHAR	N	20	
		dftPrc	This is the default unit price	Default Unit Price	NUMBER	Y	18,4	
		addInfo	This is any additional information about the registered item	Additional Information	VARCHAR	N	100	
		sftyQty	Refers to the additional inventory or stock that a business maintains as a buffer to guard against unexpected fluctuations in demand	Safety Quantity	NUMBER	N	13,2	
		manufactuterTpin	Manufacturer TPIN for MTV product	Manufacture TPIN	VARCHAR	N	10	
		manufacturerItemCd	Manufacturer item code for MTV product	Manufacturer item code	VARCHAR	N	100	
		rrp	Recommended Retailed Price as set by the manufacturer	RRP	NUMBER	N	18,4	
		svcChargeYn	Indication of whether item being registered has a service charge	Service charge flag	CHAR	N	1	
		rentalYn	Indication of whether item being registered has rental charge	Rental Flag	CHAR	N	1	
		useYn	This is the usage status of the registered item	Used / Unused	VARCHAR	Y	1	
		regrNm	This is the username of the user registering the item	Registrant Name	VARCHAR	Y	60	
		regrId	This is the user id of the user registering the item	Registrant ID	VARCHAR	Y	20	
		modrNm	This is the username of the user modifying the item	Modifier name	VARCHAR	Y	60	
		modrId	This is the user id of the user modifying the item	Modifier id	VARCHAR	Y	20	
JSON REQUEST SAMPLE								

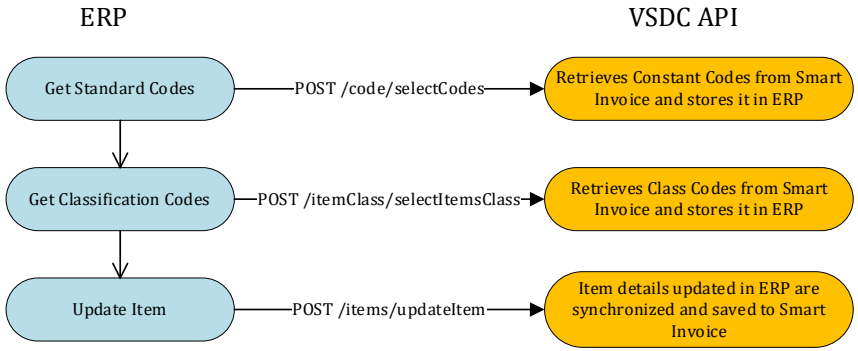
{"tpin":"1000000000","bhfId":"000","itemCd":"P200005","itemClsCd":"43322555","itemTyCd":"2","itemNm":"Corn Flakes","itemStdNm":"Corn Flakes","orgnNatCd":"SA","pkgUnitCd":"BOX","qtyUnitCd":"U","vatCatCd":"A","iplCatCd":"IPL1","tlCatCd":null,"exciseTxCatCd":null,"btchNo":null,"bcd":null,"dftPrc":15,”manufacturerTpin”:”1000000000”,”manufacturerItemCd”:ZM2EA1234”,”rrp”:”1000”,”svcChargeYn”:”Y”,”rentalYn”:”N”,"addInfo":null,"sftyQty":5,"isrcAplcbYn":"N","useYn":"Y","regrNm":"ADMIN","regrId":"ADMIN","modrNm":"ADMIN","modrId":"ADMIN"}

Save Item Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
ItemSaveRes	Save Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
{"resultCd":"000","resultMsg":"It is succeeded","resultDt":”20231120193115","data”: null}						

UPDATE ITEMS

- **Endpoint:** /items/updateItem
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** Updates specific product item details.
- **Request Parameter:** Item data including name, description, price, category, etc.
- **Response:** Returns success for updated item details.
- **Dependency Note:** This endpoint requires valid standard and classification codes. To ensure successful use, retrieve and update these codes before calling the endpoint with its attributes.
- **Note:** Tax categories (VAT category code, IPL category code, TL category code, and excise tax category code) are only required if the item falls under that specific tax category. For instance, the TL category code is always required for accommodation for taxpayers registered under TL, but it is not mandatory for other items that do not pertain to tourism.


ERP
VSDC API
Get Standard Codes
POST /code/selectCodes
Retrieves Constant Codes from Smart Invoice and stores it in ERP
Get Classification Codes
POST /itemClass/selectItemsClass
Retrieves Class Codes from Smart Invoice and stores it in ERP
Update Item
POST /items/updateItem
Item details updated in ERP are synchronized and saved to Smart Invoice

Update Item Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
ItemSaveReq	Save Item Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	See '6.16. Item code'
		itemClsCd	This is the USNPSC item classification code	Item Classification Code	VARCHAR	Y	10	
		itemTyCd	This is the item product type	Item Type Code	VARCHAR	Y	5	See '6.2. Product type'
		itemNm	This is the name of the item being registered by the taxpayer	Item Name	VARCHAR	Y	200	
		itemStdNm	This refers to the standardized or commonly accepted name used to identify a specific item or product within a system	Item Standard Name	VARCHAR	N	200	
		orgnNatCd	This is the country of origin of the registered item	Origin Place Code (Origin country code)	VARCHAR	Y	5	See '6.3. Country Codes'
		pkgUnitCd	This is the item packaging unit code	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		qtyUnitCd	This is the item quantity code	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Units of Measure'
		vatCatCd	This is the VAT category code of a registered item	VAT category Code	VARCHAR	N	5	See '6.1. Tax Type'
		iplCatCd	This is the IPL category code of the registered item	IPL category code	VARCHAR	N	5	See '6.1. Tax Type'
		tlCatCd	This is the TL category code of the registered item	TL category code	VARCHAR	N	5	See '6.1. Tax Type'
		exciseTxCatCd	This is the Excise category code of the registered item	Excise tax category code	VARCHAR	N	5	See '6.1. Tax Type'
		btchNo	This is the item batch number	Batch Number	VARCHAR	N	10	
		bcd	This is the item barcode	Barcode	VARCHAR	N	20	
		dftPrc	This is the default unit price	Default Unit Price	NUMBER	Y	18,4	

		manufactuterTpin	Manufacturer TPIN for MTV product	Manufacture TPIN	VARCHAR	N	10	
		manufacturerItemCd	Manufacturer item code for MTV product	Manifacture item code	VARCHAR	N	100	
		rrp	Recommended Retailed Price as set by the manufacturer	RRP	NUMBER	N	18,4	
		svcChargeYn	Indication of whether item being registered has a service charge	Service charge flag	CHAR	N	1	
		rentalYn	Indication of whether item being registered has rental charge	Rental Flag	CHAR	N	1	
		addInfo	This is any additional information about the registered item	Additional Information	VARCHAR	N	100	
		sftyQty	Refers to the additional inventory or stock that a business maintains as a buffer to guard against unexpected fluctuations in demand	Safety Quantity	NUMBER	N	13,2	
		isrcAplcbYn		Insurance Appicable(Y/N)	VARCHAR	Y	1	
		useYn	This is the usage status of the registered item	Used / UnUsed	VARCHAR	Y	1	
		regrNm	This is the username of the user registering the item	Registrant Name	VARCHAR	Y	60	
		regrId	This is the user id of the user registering the item	Registrant ID	VARCHAR	Y	20	
		modrNm	This is the username of the system user approving or rejecting the imported item.	Modifier name	VARCHAR	Y	60	
		modrId	This is the user ID of the system user approving or rejecting the imported item.	Modifier ID	VARCHAR	Y	20	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","itemCd":"P200005","itemClsCd":"50425610","itemTyCd":"2","itemNm":"Corn Flakes","itemStdNm":"Corn Flakes","orgnNatCd":"SA","pkgUnitCd":"BOX","qtyUnitCd":"U","vatCatCd":"A","iplCatCd":"IPL1","tlCatCd":null,"exciseTxCatCd":null,"btchNo":null,"bcd":null,"dftPrc":15,”manufacturerTpin”:”1000000000”,” manufacturerItemCd”:1234”,”rrp”:”1000”,”svcChargeYn”:”Y”,”rentalYn”:”N”,"addInfo":null,"sftyQty":5,"isrcAplcbYn":"N","useYn":"Y","regrNm":"ADMIN","regrId":"ADMIN","modrNm":"ADMIN","modrId":"ADMIN"}

Update Item Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
ItemUpdateRes	Update Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14

JSON RESPONSE SAMPLE	
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}

GET ITEMS

- **Endpoint:** /items/selectItems
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Retrieves a list of all product items saved in Smart Invoice.
- **Request Parameters:** TPIN, Branch id, Last Request Date
- **Response:** Returns a list of items with their details including name, description, price, quantity, category, etc.

Select Items Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
ItemReq	Search Item Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Select Items Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
ItemRes	Search Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	14	
		tpin	This is the taxpayer's identification number as registered on the core tax administration system TaxOnline	TPIN	VARCHAR	10	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	100	See '6.16. Item code'

		itemClsCd	This is the item identifier from the UNSPSC codes which maps to the registered item	Item Classification Code	VARCHAR	10	
		itemTyCd	This is the classifier used to categorize different types of items	Item Type Code	VARCHAR	5	See '6.2. Product type'
		itemNm	This is the name of the registered item	Item Name	VARCHAR	200	
		itemStdNm	This refers to the standardized or official name given to an item within a particular system	Item Standard Name	VARCHAR	200	
		orgnNatCd	This refers to the country of origin of the registered item/product	Origin Place Code (Origin country code)	VARCHAR	5	See '6.3. Country Codes'
		pkgUnitCd	This refers to a unique identifier or code assigned to a specific packaging unit within a system	Packaging Unit Code	VARCHAR	5	See '6.4. Packaging Unit'
		qtyUnitCd	This refers to an identifier used to represent a specific unit of measurement for quantity	Quantity Unit Code	VARCHAR	5	See '6.5. Units of Measure'
		vatCatCd	This is the VAT category code	VAT category Code	VARCHAR	5	See '6.1. Tax Type'
		iplCatCd	This is the IPL category code	IPL category code	VARCHAR	5	See '6.1. Tax Type'
		tlCatCd	This is the TL category code	TL category code	VARCHAR	5	See '6.1. Tax Type'
		exciseTxCatCd	This is the excise category code	Excise tax category code	VARCHAR	5	See '6.1. Tax Type'
		btchNo	Refers to a unique identifier assigned to a group of items or products	Batch Number	VARCHAR	10	
		bcd	Refers to a visual representation of data that is readable by machines, typically used for automatic identification and tracking of products	Barcode	VARCHAR	N	20
		dftPrc	Refers to the standard or base price assigned to a single unit of a product or item	Default Unit Price	NUMBER	Y	18,4
		manufactuterTpin	Manufacturer TPIN for MTV product	Manufacture TPIN	VARCHAR	N	10
		manufacturerItemCd	Manufacturer item code for MTV product	Manufacturer item code	VARCHAR	N	100
		rrp	Recommended Retailed Price	RRP	NUMBER	N	18,4
		svcChargeYn	Indication of whether an item has service charge	Service charge flag	CHAR	N	1

			to it				
		rentalYn	Indication of whether an item has rental or not	Rental Flag	CHAR	N	1
		addInfo	Refers to any additional information about the registered product or item	Additional Information	VARCHAR	N	100
		sftyQty	Refers to the additional inventory or stock that a business maintains as a buffer to guard against unexpected fluctuations in demand	Safety Quantity	NUMBER	N	13,2
		regBhfId	This is the branch ID where the item was registered	Registered Branch ID	VARCHAR		3
		isrcAplcbYn		Insurance Appicable Y/N	VARCHAR	1	
		ZRAModYn	This is an identifier regarding modification of the item classification code by ZRA	ZRA Modify Y/N (Item Classification Code)	VARCHAR	1	
		useYn	This is the item utilization status	Used / UnUsed	VARCHAR	1	

JSON RESPONSE SAMPLE

{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193501","data":{"itemList":[{"tpin":"1000000000","itemCd":"KR2AMXBLL0000001","itemClsCd":"43322555","itemTyCd":"2","itemNm":"restitem#1","itemStdNm":null,"orgnNatCd":"KR","pkgUnitCd":"AM","qtyUnitCd":"BLL","vatCatCd":"A","vatCatCd":"A","iplCatCd":null,"tlCatCd":null,"exciseTxCatCd":null, null, "btchNo":null,"regBhfId":"000","bcd":"8801234567061","dftPrc":21000,"manufacturerTpin":"1000000000","manufacturerItemCd":" KR2AMXBLL1234","rrp":"1000","svcChargeYn":"Y","rentalYn":"N","addInfo":null,"sftyQty":0,"isrcAplcbYn":"N","ZRAModYn":"N","useYn":"Y"},{"tpin":"1234567890","itemCd":"KR2AMXBLL0000001","itemClsCd":"1110160600","itemTyCd":"2","itemNm":"restitem#1","itemStdNm":null,"orgnNatCd":"KR","pkgUnitCd":"AM","qtyUnitCd":"BLL","vatCatCd":"A","vatCatCd": "A","iplCatCd": null,"tlCatCd": null,"exciseTxCatCd": null, "btchNo":null,"regBhfId":"000","bcd":"8801234567061","dftPrc":21000,"addInfo":null,"sftyQty":0,"isrcAplcbYn":"N","ZRAModYn":"N","useYn":"Y"}]}}

GET ITEM

- **Endpoint:** /items/selectItem
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Retrieves details of a product item based on the provided item code.
- **Request Parameters:** TPIN, Branch Id, Item Code.
- **Response:** Returns details of product item including name, item code, package unit, etc that would have been registered by the business onto Smart Invoice.

Select Item Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
ItemClsReq	Search Classification Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000", "bhfId": "000", "itemCd": "AT2BX0000013"}						

Select Item Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
GetItemReq	Get item details	Tpin	This is the taxpayer's identification number as registered on the core tax administration system TaxOnline	TPIN	VARCHAR	Y	10	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the item identifier from the UNSPSC codes	Item Classification Code	VARCHAR	Y	10	
		itemTyCd	This is the classifier used to categorize different types of items	item Type Code	VARCHAR	Y	5	See '6.2. Product type'
		itemNm	This is the name of the registered item	item Name	VARCHAR	Y	200	
		itemStdNm	This refers to the standardized or official name given to an item within a particular system	Item Standard Name	VARCHAR	N	200	
		orgnNatCd	This refers to the country of origin of the registered item/product	Origin Place Code (Origin country code)	VARCHAR	Y	5	See '6.3. Country

								Codes'
		pkgUnitCd	This refers to a unique identifier or code assigned to a specific packaging unit within a system	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		qtyUnitCd	This refers to an identifier used to represent a specific unit of measurement for quantity	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Units of Measure'
		vatCatCd	This is the VAT category code of the registered item	Value Added Tax category Code	VARCHAR	Y	5	See '6.1. Tax Type'
		iplCatCd	This is the IPL category code of the registered item	Insurance Premium Levy category code	VARCHAR	Y	5	See '6.1. Tax Type'
		tlCatCd	This is the TL category code	Tourism Levy category code	VARCHAR	Y	5	See '6.1. Tax Type'
		exciseTxCatCd	This is the excise category code	Excise tax category code	VARCHAR	Y	5	See '6.1. Tax Type'
		btchNo	Refers to a unique identifier assigned to a group of items or products	Batch Number	VARCHAR	N	10	
		bcd	Refers to a visual representation of data that is readable by machines, typically used for automatic identification and tracking of products	Barcode	VARCHAR	N	20	
		dftPrc	Refers to the standard or base price assigned to a single unit of a product or item	Default Unit Price	NUMBER	Y	18,4	
		manufactuterTpin	Manufacturer TPIN for MTV Transactions	Manufacture TPIN	VARCHAR	N	10	
		manufacturerItemCd	Manufacturer item code for MTV transaction	Manufacturer item code	VARCHAR	N	100	
		rrp	Recommended Retailed Price	RRP	NUMBER	N	18,4	
		svcChargeYn	Indication of whether an item has service charge	Service charge flag	CHAR	N	1	
		rentalYn	Indication of whether an item is rental or not	Rental Flag	CHAR	N	1	
		addInfo	Refers to any additional information about the registered product or item	Additional Information	VARCHAR	N	100	
		sftyQty	Refers to the additional inventory or stock that a business maintains as a buffer to guard against unexpected fluctuations in demand	Safety Quantity	NUMBER	N	13,2	
		regBhfId		Registered Branch ID	VARCHAR		3	
JSON RESPONSE SAMPLE								

{"resultCd": "000", "resultMsg": "It is succeeded", "resultDt": "20240327154703", "data": {"itemList": [{"tpin": "1000000000", "itemCd": "AT2BX0000013", "itemClsCd": "43191501", "itemTyCd": "2", "itemNm": "Techno S30", "itemStdNm": "Techno S30", "orgnNatCd": "AT", "pkgUnitCd": "BG", "qtyUnitCd": "KG", "vatCatCd": "A", "iplCatCd": null, "tlCatCd": null, "exciseTxCatCd": null, "btchNo": null, "regBhfId": "000", "bcd": null, "dftPrc": 5000 ,"manufacturerTpin":"1000000000","manufacturerItemCd":1234","rrp":"1000","svcChargeYn":"Y","rentalYn":"N","addInfo": null, "sftyQty": 9}]}}"

SAVE ITEM COMPOSITION

- **Endpoint:** /items/saveItemComposition
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** This endpoint is designed to manage the storage of items involved in processing or repackaging activities. It is particularly useful for situations where multiple products are combined or transformed into a unique finished product.
- **Request Parameters:** Item data including item code, quantity, etc.
- **Response:** Returns success or failure of the save item composition operation.

Save Item Composition Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
SaveItemComReq	Save Item Composition	tpin	This is the taxpayer's identification number registered with ZRA	TPIN	VARCHAR	Y	10	
		bhfId	This is the branch (store) identifier. Supplied by ZRA	Branch ID	VARCHAR	Y	3	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		cpstItemCd	This refers to an identifier used to categorize the final product	Composition Item Code	VARCHAR	Y	20	
		cpstQty	This refers to the quantity or amount of a specific ingredient	Composition Quantity	NUMBER	Y	13,2	
		regrId	This refers to the ID of the user of the system adding the item	Registrant ID	VARCHAR	Y	60	
		regrNm	This refers to the username of the user adding the item	Registrant Name	VARCHAR	Y	20	

JSON REQUEST SAMPLE

{"tpin": "1000000000", "bhfId": "000", "itemCd": "ZM2NTBA0000051", "cpstItemCd": "ZM2NTBA0000051", "cpstQty": 3, "regrId": "ADMIN", "regrNm": "ADMIN"}

Save Item Composition Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
ISaveItemCompRes	Save Item Composition Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

SAVE RRP ITEMS

- **Endpoint:** /items/saveRrpItems
- **Request method:** POST
- **Requirement:** OPTIONAL
- **Description:** This endpoint is designed to store recommended retailed price items by manufactures
- **Request Parameters:** Item data including item code, quantity, etc.
- **Response:** Returns success or failure of the save RRP.
- Note: This endpoint should only be consumed by manufacturers with RRP

Save MTV Product Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
saveRrpItems	Save RRP Item	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	See '6.16. Item code'
		itemClsCd	This is the USNPSC item classification code	Item Classification Code	VARCHAR	Y	10	
		itemTyCd	This is the item product type	Item Type Code	VARCHAR	Y	5	See '6.2. Product type'
		itemNm	This is the name of the item being registered by the taxpayer	Item Name	VARCHAR	Y	200	

		orgnNatCd	This is the country of origin of the registered item	Origin Place Code (Origin country code)	VARCHAR	Y	5	See '6.3. Country Codes'
		pkgUnitCd	This is the item packaging unit code	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		qtyUnitCd	This is the item quantity code	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Units of Measure'
		rrp	This is the recommended retail price set by the manufacturer	RRP	NUMBER	Y	18,4	
		useYn	This is the usage status of the registered item	Used / UnUsed	VARCHAR	Y	1	
		regrNm	This is the username of the user registering the item	Registrant Name	VARCHAR	Y	60	
		regrId	This is the user id of the user registering the item	Registrant ID	VARCHAR	Y	20	
		modrNm	This is the username of the system user approving or rejecting the imported item.	Modifier name	VARCHAR	Y	60	
		modrId	This is the user ID of the system user approving or rejecting the imported item.	Modifier ID	VARCHAR	Y	20	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","itemList": [{"itemCd":"itemCode1","itemClsCd":"50102515","itemTyCd":"3","itemNm":"Item Name Example","itemDesc":"This is fanta","orgnNatCd":"ZM","pkgUnitCd":"BG","qtyUnitCd":"BX","rrp":123.6789,"useYn":"Y","regrId": "admin","regrNm":"Admin","modrNm":"Admin","modrId":"1231"},{"itemCd":"itemCode2","itemClsCd":"50102515","itemTyCd":"3","itemNm": "Item Name Example","itemDesc":"This is fanta","orgnNatCd":"ZM","pkgUnitCd":"BG","qtyUnitCd":"BX","rrp":123.6789,"useYn":"Y", "regrId":"admin","regrNm":"Admin","modrNm":"Admin","modrId":"1231"}]}

Save MTV Product Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
ISaveItemCompRes	Save Item Composition Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the VSDC response date	Result Date	VARCHAR	14

JSON RESPONSE SAMPLE

	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240728202141","data": null}

SELECT RRP ITEMS

- **Endpoint:** /items/selectRrpItems
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** This endpoint is designed to select recommended retailed price items from manufacturers data
- **Request Parameters:** Item data including Tpin, branch ID, and last request date.
- **Response:** Returns success or failure of the select RRP.
- Note: This endpoint should only be consumed by sellers of MTV products. It is used to get Recommended Retail Prices set by manufacturers which will be used when processing sales with MTV products.

Select RRP request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
rrpItemReq	Search RRP Item Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called.	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Select RRP response

Object ID	Object Name	Sub ojbect	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
rrpItemsRes	RRP Item		tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	

	List response		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		rrpItemList	itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	See '6.16. Item code'
			itemClsCd	This is the USNPSC item classification code	Item Classification Code	VARCHAR	Y	10	
			itemTyCd	This is the item product type	Item Type Code	VARCHAR	Y	5	See '6.2. Product type'
			itemNm	This is the name of the item being registered by the taxpayer	Item Name	VARCHAR	Y	200	
			orgnNatCd	This is the country of origin of the registered item	Origin Place Code (Origin country code)	VARCHAR	Y	5	See '6.3. Country Codes'
			pkgUnitCd	This is the item packaging unit code	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
			qtyUnitCd	This is the item quantity code	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Units of Measure'
			rrp	This is the recommended retail price of an item	RRP	NUMBER	Y	18,4	
			useYn	This is the usage status of the registered item	Used / UnUsed	VARCHAR	Y	1	
			regrNm	This is the username of the user registering the item	Registrant Name	VARCHAR	Y	60	
			regrId	This is the user id of the user registering the item	Registrant ID	VARCHAR	Y	20	
			modrNm	This is the username of the system user approving or rejecting the imported item.	Modifier name	VARCHAR	Y	60	
			modrId	This is the user ID of the system user approving or rejecting the imported item.	Modifier ID	VARCHAR	Y	20	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","itemList": [{"itemCd":"itemCode1","itemClsCd":"50102515","itemTyCd":"3","itemNm":"Item Name Example","itemDesc":"This is fanta","orgnNatCd":"ZM","pkgUnitCd":"BG","qtyUnitCd":"BX","rrp":123.6789,"useYn":"Y","regrId": "admin","regrNm":"Admin","modrNm":"Admin","modrId":"1231"},{"itemCd":"itemCode2","itemClsCd":"50102515","itemTyCd":"3","itemNm": "Item Name Example","itemDesc":"This is fanta","orgnNatCd":"ZM","pkgUnitCd":"BG","qtyUnitCd":"BX","rrp":123.6789,"useYn":"Y", "regrId":"admin","regrNm":"Admin","modrNm":"Admin","modrId":"1231"}]}

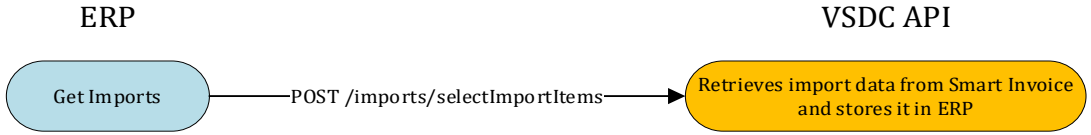
5.8. Import Information

The Imports API facilitates the exchange of all data associated with items imported by a business, as declared in the Automated System for Customs Data (ASYCUDA). This integration ensures seamless transfer of import details, enabling businesses to efficiently manage and synchronize imported item data in their third-party systems.

Through the Imports API, businesses can automatically fetch and integrate import details from ASYCUDA directly into their third-party system. This includes information such as product descriptions, quantities, values, etc.

GET IMPORTS

- **Endpoint:** /imports/selectImportItems
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** Retrieves a list of imported items saved on Smart Invoice from ASYCUDA.
- **Request Parameters:** TPIN, Branch Id, Last Request Date.
- **Response:** Retrieves a list of imported items including detailed information such as product descriptions, quantities, values, etc.



Get Imports Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
ImptItemReq	Search Import Item Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
		dclRefNum	This is the declaration reference number captured on ASYCUDA	Declaration reference number	VARCHAR	N	100
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000", "dclRefNum":"CX1100096839"}						

Get Imports Response

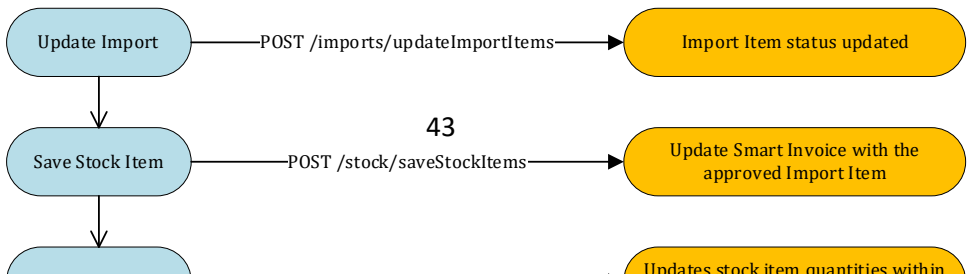
Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
ImptItemRes	Search Import Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3	
	Response	resultMsg	This is the response message	Result Message	VARCHAR	200	
		resultDt	This is the response date	Result Date	VARCHAR	14	
		taskCd	Refers to a code for the specific declaration related to customs clearance	Task Code	VARCHAR	50	
		dclDe	Refers to the date when the customs declaration for the goods was submitted	Declaration Date	VARCHAR	8	
		itemSeq	This is the order of items in a particular declaration	Item Sequence	NUMBER	10	
		dclNo	This refers to the reference number assigned to a specific declaration on the Customs System	Declaration Number	VARCHAR	50	
		hsCd	Refers to an internationally standardized system of names and numbers used to classify traded products for customs and tariff purposes	HS Code	VARCHAR	17	
		itemNm	This is the product name of the imported item	Item Name	VARCHAR	500	
		orgnNatCd	Refers to the Country of origin of the imported item	Origin Nation Code	VARCHAR	5	See ‘6.3. Country Codes’
		exptNatCd	This refers to a code or identifier used to represent a specific country or nation in the context of international trade	Export Nation Code	VARCHAR	5	
		pkg	This refers to a container, box, or bundle in which items, products, or goods are enclosed for storage	Package	NUMBER	13,2	
		pkgUnitCd	Refers to a unique identifier or code assigned to a specific packaging unit	Packaging Unit Code	VARCHAR	5	See ‘6.4. Packaging Unit’
		qty	Refers to the quantity of the imported item	Quantity	NUMBER	13,2	
		qtyUnitCd	Refers to the quantity unit code of the imported item	Quantity Unit Code	VARCHAR	5	See ‘6.5. Units of Measure’
		totWt	Refers to the gross weight of the imported item	Gross Weight	NUMBER	13,2	
		netWt	Refers to the net weight of the imported item	Net Weight	NUMBER	13,2	
		spplrNm	Refers to the supplier’s name of the imported item	Supplier's name	VARCHAR	500	

		agntNm	Refers to the agent's name of the importation	Agent name	VARCHAR	500	
		invcFcurAmt	Refers to the foreign currency amount for the imported item	Invoice Foreign Currency Amount	NUMBER	18,4	
		invcFcurCd	Refers to the foreign currency used to import the item	Invoice Foreign Currency	VARCHAR	5	See '6.6. Currency'
		invcFcurExcrt	Refers to the exchange rate used when importing the item	Invoice Foreign Currency Exchange Rate	NUMBER	18,4	
		dclRefNum	This is the declaration reference number captured on ASYCUDA	Declaration reference number	VARCHAR	100	
JSON RESPONSE SAMPLE							
{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120194118","data":{"itemList":[{"taskCd":"2239078","dclDe":"-1","itemSeq":1,"dclNo":"C3460-2019-TZDL","hsCd":"20055900000","itemNm":"BAKED BEANS","imptItemsttsCd":"2","orgnNatCd":"BR","exptNatCd":"BR","pkg":2922,"pkgUnitCd":null,"qty":19946,"qtyUnitCd":"KGM","totWt":19945.57,"netWt":19945.57,"spplrNm":"ODERICH CONSERVA QUALIDADE\nBRASIL","agntNm":"BN METRO Ltd","invcFcurAmt":296865.6,"invcFcurCd":"USD","invcFcurExcrt":929.79}]}}							

UPDATE IMPORT ITEMS

- **Endpoint:** /imports/updateImportItems
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** This endpoint is used to acknowledge, or disregard imported items received from Smart Invoice which were declared on ASYCUDA. Acknowledged imported items will have to be saved in stock whereas disregarded imported items will not.
- **Request Parameters:** Import data including declaration date, item sequence, item classification code, import item status code, etc. (See table for full parameter list)
- **Response:** Returns the successful confirmation of the updated status of an import item.
- **Dependency:** After your import is approved, call the "Save Stock Items" endpoint to add the approved imports as stock items. Subsequently, call the "Stock Master" endpoint to update the existing stock quantities for any items that were already present in your inventory reflecting the additional approved imports. This process ensures that approved imports are accurately reflected in the overall stock inventory.

Update Import Items Request



Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
ImptItemSaveRes	Update Item Response	tpin	This is the VSDC response code	TPIN	VARCHAR	Y	10	
		bhfId	This is the response message	Branch ID	VARCHAR	Y	3	
		taskCd	Refers to a code for the specific declaration related to customs clearance	Task Code	VARCHAR	Y	50	
		dclDe	Refers to the date when the customs declaration for the goods was submitted	Declaration Date	VARCHAR	Y	8	
		itemSeq	This is the order of items in a particular declaration	Item Sequence	NUMBER	Y	10	
		hsCd	Refers to an internationally standardized system of names and numbers used to classify traded products for customs and tariff purposes	HS Code	VARCHAR	Y	17	
		itemClCd	This is the UNSPSC classification code used to classify the imported item. Retrieved from the UNSPSC codes previously saved on the third-party system	Item Classification Code	VARCHAR	Y	10	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		imptItemsttsCd	This is the status code of the item to be approved or rejected by the taxpayer	Import Item Status Code	VARCHAR	Y	5	See '6.17. Import Item status'
		remark	This is a general remark about the approval or rejection of the item by the taxpayer	Remark	VARCHAR	N	400	
		modrNm	This is the username of the system user approving or rejecting the imported item.	Modifier Name	VARCHAR	Y	60	
		modrId	This is the user ID of the system user approving or rejecting the imported item.	Modifier ID	VARCHAR	Y	20	

JSON REQUEST SAMPLE

{"tpin": "1000000000","bhfId": "000","taskCd": "4561614","dclDe": "20240426","importItemList": [{"itemSeq": 2,"hsCd": "72149900000","itemClsCd": "5022110801","itemCd": "RW1NTXU0000006", "imptItemSttsCd": "3","remark": "remark","modrNm": "Admin","modrId": "Admin"}, {"itemSeq": 3,"hsCd": "04051000000","itemClsCd": "5022110802","itemCd": "RW1NTXU0000007","imptItemSttsCd": "4", "remark": "This is a non-stock item","modrNm": "Admin2","modrId": "Admin2"}]}

Update Import Items Response

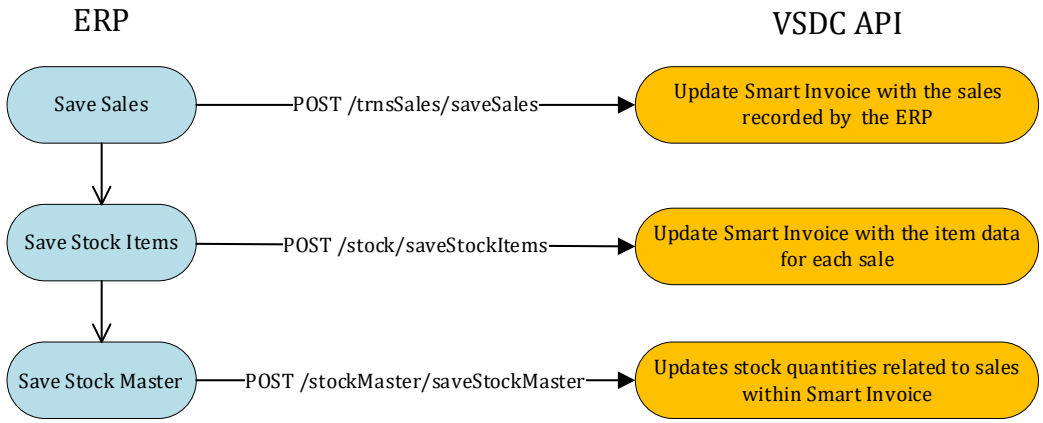
Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
ImptItemSaveRes	Update Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

5.9. Sales Information

The Sales API facilitates the transmission of detailed sales data from a third-party system to Smart Invoice. This data includes specific details associated with each sale, such as customer information, sale type, invoice number, and the date/time of the transaction. Developers can use this API to seamlessly transfer sales information, ensuring accurate invoicing and efficient management of customer transactions.

SAVE SALES

- **Endpoint:** /trnsSales/saveSales
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** This endpoint facilitates the submission of sales data from the third-party system into Smart Invoice.
- **Request Parameters:** Sales data including customer details, sale type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of sales data submission.
- **Dependency:** After completing a sale, it's important to update the inventory to reflect the correct levels of the items sold. This involves using the 'Save Stock Items' endpoint to show stock movements. Following this, the 'Stock Master' endpoint should be called to update the stock quantities based on the sales recorded. This process ensures that inventory adjustments due to sales are accurately reflected in the overall stock inventory, for further reporting to Smart Invoice.
- **Note:** All sales receipts must be printed with the ‘rcptNo’ which is returned in success response when sale is posted to VSDC. This is the ZRA invoice number which must be referred to when taxpayer intends to issue a credit note or debit note.



Save Sales Request – **Normal Sale**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgIncNo	The invoice number being referred to if you are issuing a credit note or debit note	Original Invoice Number	NUMBER	N	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	

		custMblNo	Phone number for the customer participating in a reward.	Customer phone number	VARCHAR	N	10	
		salesTyCd	Code associated with type of sale (Pass N)	Sales Type Code	VARCHAR	Y	5	See 6..7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	Y	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g. Approved, Refunded etc.	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	Y	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	Y	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as MTV -Minimum Taxable Value for VAT	Taxable Amount B	NUMBER	Y	18,4	

			purposes (pass 0.0 if not applicable)					
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium	Taxable Amount IPL	NUMBER	Y	18,4	

			Levy (pass 0.0 if not applicable)					
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1-Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	

		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	

		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-Insurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items	Tax Amount ECM	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		commInvcNo	Commercial Invoice Number		Number	N	38	
		custTyCd	Customer category		Varchar	N	5	see '6.24'. Customer type code'
		travelPurposeCd	Travel purpose code		Varchar	N	5	see '6.25' Travelpurpose code
		nonResidenTyCd	customer Non-residence type or category		Varchar	N	5	see '6.25' travel purpose code'
		permenentRsdncAdrs	Customer Permanent residence address		Varchar	N	100	
		permanentRsncCountryCd	Customer Permanent residence country code		Varchar	N	5	See '6.3. Country Codes'
		originCountryCd	Origin country code		Varchar	N	5	See '6.3. Country Codes'
		countriesVisited	List of countries visited		List<String>	N	5	See '6.3. Country Codes'
		countriesToBeVisited	List of countries to be visited		List<String>	N	5	See '6.3. Country Codes'
		tourPkgNmDtl	List of tour package names		List<String>	N	100	

		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,4	
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code. (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	

		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	This is the cash discount rate applied on the summed total for the line items	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<Trns SalesSave WrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4 Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item	Discount Amount	NUMBER	Y	18,4	

			(Pass 0.0 if not applicable)					
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item. Pass null where not applicable	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item. Pass null where not applicable	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line-item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line-item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line-item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line-item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item. (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	

		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","orgInvcNo":0,"cisInvcNo":"CIS001-1380","custTpin":"2000000000","custMblNo":"0900000000","custNm":"Walki-In Customer","salesTyCd":"N","rcptTyCd":"S","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20240508102010","salesDt":"20240728","stockRlsDt":null,"cnclReqDt":null,"cnclDt":null,"rfdDt":null,"rfdRsnCd":null,"totItemCnt":2,"taxblAmtA":86.2069,"taxblAmtB":0.0,"taxblAmtC1":0.0,"taxblAmtC2":0.0,"taxblAmtC3":0.0,"taxblAmtD":0.0,"taxblAmtRvat":0.0,"taxblAmtE":0.0,"taxblAmtF":0.0,"taxblAmtIpl1":0.0,"taxblAmtIpl2":100,"taxblAmtTl":0.0,"taxblAmtEcm":0,"taxblAmtExeeg":0.0,"taxblAmtTot":0.0,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"tlAmt":0.0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"taxAmtA":13.7931,"taxAmtB":0.0,"taxAmtC1":0.0,"taxAmtC2":0.0,"taxAmtC3":0.0,"taxAmtD":0.0,"taxAmtRvat":0.0,"taxAmtE":0.0,"taxAmtF":0.0,"taxAmtIpl1":0.0,"taxAmtIpl2":0.0,"taxAmtTl":0.0,"taxAmtEcm":0.0,"taxAmtExeeg":0.0,"taxAmtTot":0.0,"totTaxblAmt":186.2069,"totTaxAmt":13.7931,"cashDcRt":25,"cashDcAmt":50,"totAmt":150,"prchrAcptcYn":"N","remark":"","regrId":"admin","regrNm":"admin","modrId":"admin","modrNm":"admin","saleCtyCd":"1","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1","destnCountryCd":"","dbtRsnCd":"","invcAdjustReason":"","itemList":[{"itemSeq":1,"itemCd":"20056","itemClsCd":"50102518","itemNm":"Bread","bcd":"","pkgUnitCd":"BA","pkg":0.0,"qtyUnitCd":"BE","qty":1.0,"prc":125,"splyAmt":125,"dcRt":20,"dcAmt":25,"isrccCd":"","isrccNm":"","isrcRt":0.0,"isrcAmt":0.0,"vatCatCd":"A","exciseTxCatCd":null,"tlCatCd":null,"iplCatCd":null,"vatTaxblAmt":86.2069,"vatAmt":13.7931,"exciseTaxblAmt":0,"tlTaxblAmt":0.0,"iplTaxblAmt":0.0,"iplAmt":0.0,"tlAmt":0.0,"exciseTxAmt":0,"totAmt":100},{"itemSeq":2,"itemCd":"20056","itemClsCd":"50102518","itemNm":"Reinsurance","bcd":"","pkgUnitCd":"BA","pkg":0.0,"qtyUnitCd":"BE","qty":1.0,"prc":100,"splyAmt":100,"dcRt":0.0,"dcAmt":0.0,"isrccCd":"","isrccNm":"","isrcRt":0.0,"isrcAmt":0.0,"vatCatCd":null,"exciseTxCatCd":null,"vatTaxblAmt":0.0,"exciseTaxblAmt":0,"tlTaxblAmt":0.0,"tlCatCd":null,"tlAmt":0.0,"iplCatCd":"IPL2","iplAmt":0.0,"iplTaxblAmt":100,"vatAmt":0.0,"exciseTxAmt":0,"totAmt":100}]}

Save Sales Request – **Credit Note**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgSdcId	This is the SDC Id where the original invoice was issued from	Original Branch Id	VARCHAR	Y	13	
		orgIncNo	The invoice number being referred to if you are issuing a credit note or debit note	Original Invoice Number	NUMBER	Y	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale e.g. Normal sales, Copy sale	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt (Pass R)	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	N	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g. Approved, Refunded etc.	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd

		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	Y	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	Y	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as MTV -Minimum Taxable Value for VAT purposes (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for	Taxable Amount C3	NUMBER	Y	18.4	

			VAT purposes (pass 0.0 if not applicable)					
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	

		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1-Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	

		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items	Tax Amount E	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-Insurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of	Total Amount	NUMBER	Y	18,4	

			all line items on the invoice					
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	

		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<TrnsSalesSaveWrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4 Packaging Unit'
		Pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	

		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item.	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	

		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","cisInvcNo":"INV000001","orgInvcNo":"806","orgSdcId":"SDC000000000","custTpin":"1000000000","prcOrdCd":0,"custNm":"Walkin","salesTyCd":"N","rcptTyCd":"R","pmtTyCd":"04","salesSttsCd":"02","cfmDt":"20250608063847","salesDt":"20250608","stockRlsDt":null,"cnclReqDt":null,"cnclDt":null,"rfdDt":null,"rfdRsnCd":"01","totItemCnt":2,"taxblAmtA":14975.862,"taxblAmtB":0,"taxblAmtC":0,"taxblAmtC1":0,"taxblAmtC2":0,"taxblAmtC3":0,"taxblAmtD":0,"taxblAmtRvat":0,"taxblAmtE":0,"taxblAmtF":0,"taxblAmtIpl1":0,"taxblAmtIpl2":0,"taxblAmtTl":0,"taxblAmtEcm":0,"taxblAmtExeeg":0,"taxblAmtTot":0,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"taxRtRvat":16,"taxAmtA":2396.138,"taxAmtB":0,"taxAmtC1":0,"taxAmtC2":0,"taxAmtC3":0,"taxAmtD":0,"taxAmtC":0,"tlAmt":0,"taxAmtE":0,"taxAmtF":0,"taxAmtIpl1":0,"taxAmtIpl2":0,"taxAmtTl":0,"taxAmtEcm":0,"taxAmtExeeg":0,"taxAmtTot":0,"taxAmtRvat":0,"totTaxblAmt":14975.862,"totTaxAmt":2396.138,"totAmt":17372,"prchrAcptcYn":"N","remark":"Duplicated invoice","regrId":"Admin Manager","regrNm":"Admin Manager","modrId":"Admin Manager","modrNm":"Admin Manager","saleCtyCd":"1","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":1,"destnCountryCd":null,"dbtRsnCd":null,"nvcAdjustReason":"Duplicated invoice","itemList":[{"itemSeq":1,"itemCd":"ZM2PACKP100000063","itemClsCd":"50501814","itemNm":"Goodhope Almond 1L - Original","bcd":null,"pkgUnitCd":"NT","pkg":1,"qtyUnitCd":"U","qty":20,"prc":434.3,"splyAmt":8686,"dcRt":0,"dcAmt":0,"isrccCd":"","isrccNm":"","isrcRt":0,"isrcAmt":0,"vatCatCd":"A","iplCatCd":null,"tlCatCd":null,"exciseCatCd":null,"vatTaxblAmt":7487.931,"vatAmt":1198.069,"exciseTaxblAmt":0,"tlTaxblAmt":0,"iplTaxblAmt":0,"iplAmt":0,"tlAmt":0,"exciseTxAmt":0,"totAmt":8686},{"itemSeq":2,"itemCd":"ZM2PACKP100000064","itemClsCd":"50501814","itemNm":"Goodhope Almond 1L - Vanilla Unsweetened","bcd":null,"pkgUnitCd":"NT","pkg":1,"qtyUnitCd":"U","qty":20,"prc":434.3,"splyAmt":8686,"dcRt":0,"dcAmt":0,"isrccCd":"","isrccNm":"","isrcRt":0,"isrcAmt":0,"vatCatCd":"A","iplCatCd":null,"tlCatCd":null,"exciseCatCd":null,"vatTaxblAmt":7487.931,"vatAmt":1198.069,"exciseTaxblAmt":0,"tlTaxblAmt":0,"iplTaxblAmt":0,"iplAmt":0,"tlAmt":0,"exciseTxAmt":0,"totAmt":8686}]}

Save Sales Request – **Value Credit note – This is a transaction adjustment involving amount without affecting stock quantities.**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgSdcId	This is the SDC Id where the original invoice was issued from	Original Branch Id	VARCHAR	Y	13	
		orgIncNo	The invoice number being referred to if you are issuing a credit note or debit note	Original Invoice Number	NUMBER	Y	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale e.g. Normal sales, Copy sale	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt (Pass R)	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	N	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g. Approved, Refunded etc.	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd

		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	Y	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund(empty string when not a refund)	Refunded Reason Code	VARCHAR	Y	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as MTV -Minimum Taxable Value for VAT purposes (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for	Taxable Amount C3	NUMBER	Y	18.4	

			VAT purposes (pass 0.0 if not applicable)					
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	

		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1-Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	

		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items	Tax Amount E	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-Insurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of	Total Amount	NUMBER	Y	18,4	

			all line items on the invoice					
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	

		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<Trns SalesSave WrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4 Packaging Unit'
		Pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	

		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item.	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	

		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	
		rebateInvcList			NUMBER	N	38	

JSON REQUEST SAMPLE

{"tpin":"1234567890","bhfId":"000","orgInvcNo":2,"orgSdcId":"SDC0010024844","cisInvcNo":"41","custTpin":"1000000000","custNm":"Walk-In Customer","salesTyCd":"N","rcptTyCd":"V","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20250528173452","salesDt":"20250528","stockRlsDt":"20250528173452","cnclReqDt":"20250528173452","cnclDt":null,"totItemCnt":1,"taxblAmtA":0,"taxblAmtB":0,"taxblAmtC1":7000,"taxblAmtC2":0,"taxblAmtC3":0,"taxblAmtD":0,"taxblAmtRvat":0,"taxblAmtE":0,"taxblAmtF":0,"taxblAmtIpl1":0,"taxblAmtIpl2":0,"taxblAmtTl":0,"taxblAmtEcm":0,"taxblAmtExeeg":0,"taxblAmtTot":0,"taxAmtA":0,"taxAmtB":0,"taxAmtC":0,"taxAmtC1":0,"taxAmtC2":0,"taxAmtC3":0,"taxAmtD":0,"taxAmtRvat":0,"taxAmtE":0,"taxAmtF":0,"taxAmtIpl1":0,"taxAmtIpl2":0,"taxAmtTl":0,"taxAmtEcm":0,"taxAmtExeeg":0,"taxAmtTot":0,"totTaxblAmt":7000,"totTaxAmt":0,"totAmt":7000,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"tlAmt":0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"prchrAcptcYn":"N","remark":"","regrId":"admin","regrNm":"admin","modrId":"admin","modrNm":"admin","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1.0","destnCountryCd":"SA","dbtRsnCd":null,"rfdRsnCd":"","invcAdjustReason":null,"bankCd":"ABSA","swiftCd":"3123","bnkBranch":"Lusaka","bankAccntNo":"121321312","bankAccntHldr":"Yvette","custTyCd":"01","travelPurposeCd":"01","permanentRsdncAdrs":"Gasaba downtown","permanentRsdncCountryCd":"RW","originCountryCd":"RW","bookingAgentNm":"Lusaka Tour","tourPackageNames":[],"rebateInvcList":[],"itemList":[{"itemSeq":1,"itemCd":"ZA2NTNO0000027","itemClsCd":"25101917","itemNm":"Rice","bcd":"","pkgUnitCd":"NT","pkg":1,"qtyUnitCd":"NO","qty":1,"prc":7000,"splyAmt":7000,"dcRt":0,"dcAmt":0,"vatCatCd":"C1","vatTaxblAmt":7000,"vatAmt":0,"totAmt":7000}]}

Save Sales Request – **Debit Note**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgIncNo	The invoice number being refered to in the event that you are issueing a credit note or debit note	Original Invoice Number	NUMBER	Y	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax	Customer TPIN	VARCHAR	N	10	

			Administration System TaxOnline					
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale e.g Normal sales, Copy sale	Sales Type Code	VARCHAR	Y	5	See '1.7. '
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	N	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g Approved, Refunded etc	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	N	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as -Minimum Taxable Value for VAT purposes	Taxable Amount B	NUMBER	Y	18,4	

			(pass 0.0 if not applicable)					
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	

		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1- Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	

		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT	Tax Amount D	NUMBER	Y	18,4	

			category D line items on invoice (Pass 0.0 when not applicable)					
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (ReInsurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	

		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,4	
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	

		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	Y	5	
		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	Y		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<Trns SalesSave WrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	Y	20	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		Pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	

		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line-item	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line-item.	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line-item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line-item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line-item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line-item (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	

		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","orgInvcNo":7,"cisInvcNo":"DBT000002","custTpin":"1000724543","custNm":"Customer Name 1","salesTyCd":"N","rcptTyCd":"D","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20240509172010","salesDt":"20240509","stockRlsDt":null,"cnclReqDt":null,"cnclDt":null,"rfdDt":null,"rfdRsnCd":null,"totItemCnt":1,"taxblAmtA":862.069,"taxblAmtB":0,"taxblAmtC1":0,"taxblAmtC2":0,"taxblAmtC3":0,"taxblAmtD":0,"taxblAmtRvat":0,"taxblAmtE":0,"taxblAmtF":0,"taxblAmtIpl1":0,"taxblAmtIpl2":0,"taxblAmtTl":0,"taxblAmtEcm":0,"taxblAmtExeeg":0,"taxblAmtTot":0,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"taxAmtA":137.931,"taxAmtB":0,
"taxAmtC1":0,"taxAmtC2":0,"taxAmtC3":0,"taxAmtD":0,"taxAmtRvat":0,"taxAmtE":0,"taxAmtF":0,"taxAmtIpl1":0,"taxAmtIpl2":0,"taxAmtTl":0,"taxAmtEcm":0,"taxAmtExeeg":0,"taxAmtTot":0,"totTaxblAmt":862.069,"totTaxAmt":137.931,"cashDcRt":0,"cashDcAmt":0,"totAmt":1000,"prchrAcptcYn":"N","remark":"","regrId":"ADMIN","regrNm":"ADMIN","modrId":"ADMIN","modrNm":"ADMIN","saleCtyCd":"1","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1","destnCountryCd":"","dbtRsnCd":"03","invcAdjustReason":"Omitted Item","itemList":[{"itemSeq":1,"itemCd":"P200007","itemClsCd":"46181901","itemNm":"ITEM 1234","bcd":"","pkgUnitCd":"P/KG","pkg":0,"qtyUnitCd":"U","qty":10,"prc":100,"splyAmt":1000,"dcRt":0,"dcAmt":0,"isrccCd":"","isrccNm":"","isrcRt":0,"isrcAmt":0,"vatCatCd":"A","exciseTxCatCd":null,"vatTaxblAmt":862.069,"exciseTaxblAmt":0,"vatAmt":137.931,"exciseTxAmt":0,"totAmt":1000}]}

Save Sales Request – **LPO Transactions**

Note: For LPO transactions, a valid combination of seller TPIN, customer TPIN and LPO number are required as registered on TaxOnline. (Sample LPO details will be shared for test purposes)

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	This is the Taxpayer's Identification Number	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		orgInvcNo	This is the original invoice number referred to in the event of a reversal or debit note	Original Invoice Number	NUMBER	N	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	This is the buyer's Taxpayer's Identification number (The privileged person to whom the LPO is issued)	Customer TPIN	VARCHAR	N	10	

		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Type of sale e.g Normal sales, Copy sale	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	N	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g Approved, Refunded etc	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancel Reqeuested Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund(empty string when not a refund)	Refunded Reason Code	VARCHAR	N	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total amount taxable for all line items attracting VAT - Standard Rated A (pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total amount taxable for all line items attracting MTV - Minimum Taxable Value B (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total amount taxable for all line items attracting VAT category C1 -exports (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total amount taxable for all line items attracting VAT category C2 -Zero rating LPO (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	

		taxblAmtC3	Total amount taxable for all line items attracting C3 Zero rated by nature (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total amount taxable for all line items attracting VAT category D Exempt (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total amount taxable for all line items attracting RVAT reverse VAT (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total amount taxable for all line items attracting VAT category E Disbursements (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total amount taxable for all line items attracting VAT category F Service charge (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total amount taxable for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total amount taxable for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total amount taxable for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total amount taxable for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total amount taxable for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total amount taxable for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1- Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	

		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items	Tax Amount D	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (ReInsurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,4	
		PrchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	

		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system.	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason for issuing a debit sale.	Debit Reason Code	VARCHAR	N	5	
		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<TrnsSalesSaveWrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	

		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line-item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line-item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

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Save Sales Request – **Exports**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgIncNo	The invoice number being refered to in the event that you are issueing a credit note or debit note	Original Invoice Number	NUMBER	Y	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale e.g Normal sales, Copy sale	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	N	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g Approved, Refunded etc	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss

		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	N	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	N	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as MTV - Minimum Taxable Value for VAT purposes (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified	Taxable Amount RVAT	NUMBER	Y	18,4	

			as RVAT for VAT purposes (pass 0.0 if not applicable)					
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1- Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	

		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line	Tax Amount C3	NUMBER	Y	18,4	

			items on invoice (Pass 0.0 when not applicable)					
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-Insurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	This is the total tax charged on all TOT line items on invoice (Pass 0.0 when not applicable)	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	

		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,4	
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code. (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	
		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	

		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<TrnsSalesSaveWrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	PackagUnit Code	VARCHAR	Y	5	See '6.4. Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item	Vat Category Code	VARCHAR	Y	5	

		exciseTxCatCd	This represents the tax category code for Excise on line item.	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line-item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line-item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line-item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","orgInvcNo":0,"cisInvcNo":"CIS000000","custTpin":"2000000000","custNm":"SMART CUSTOMER","salesTyCd":"N","rcptTyCd":"S","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20250608102010","salesDt":"20250608","stockRlsDt":null,"cnclReqDt":null,"cnclDt":null,"rfdDt":null,"rfdRsnCd":null,"totItemCnt":1,"taxblAmtA":0,"taxblAmtB":0,"taxblAmtC1":400,"taxblAmtC2":0,"taxblAmtC3":0,"taxblAmtD":0,"taxblAmtRvat":0,"taxblAmtE":0,"taxblAmtF":0,"taxblAmtIpl1":0,"taxblAmtIpl2":0,"taxblAmtTl":0,"taxblAmtEcm":0,"taxblAmtExeeg":0,"taxblAmtTot":0,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"taxAmtA":0,"taxAmtB":0,"taxAmtC1":0,"taxAmtC2":0,"taxAmtC3":0,"taxAmtD":0,"taxAmtRvat":0,"taxAmtE":0,"taxAmtF":0,"taxAmtIpl1":0,"taxAmtIpl2":0,"taxAmtTl":0,"taxAmtEcm":0,"taxAmtExeeg":0,"taxAmtTot":0,"totTaxblAmt":400,"totTaxAmt":0,"cashDcRt":0,"cashDcAmt":0,"totAmt":400,"prchrAcptcYn":"N","remark":"","regrId":"admin","regrNm":"admin","modrId":"admin","modrNm":"admin","saleCtyCd":"1","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1","destnCountryCd":"ZM","dbtRsnCd":"","invcAdjustReason":"","itemList":[{"itemSeq":1,"itemCd":"20054","itemClsCd":"50102517","itemNm":"Maize meal - African

Pride","bcd":"","pkgUnitCd":"BA","pkg":0,"qtyUnitCd":"BE","qty":4,"prc":100,"splyAmt":400,"dcRt":0,"dcAmt":0,"isrccCd":"","isrccNm":"","isrcRt":0,"isrcAmt":0,"vatCatCd":"C1","exciseTxCatCd":null,"vatTaxblAmt":400,"exciseTaxblAmt":0,"vatAmt":0,"exciseTxAmt":0,"totAmt":400}]}

GET PRINCIPAL

- **Endpoint:** /trnsSales/selectPrincipals
- **Request method:** POST.
- **Requirement:** OPTIONAL (RVAT agents only).
- **Description:** This endpoint is designed to get principals for RVAT agents
- **Request Parameters:** principal data including Tpin, bhfId, last request date.
- **Response:** Returns success or failure. On success it returns list of principals.
- **Note:** This endpoint is intended solely for use by RVAT Agents to retrieve principal details for processing RVAT transactions.

Select Principal request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
selectPrincipals	Search principal Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin":"1000000000","bhfId":"000","lastReqDt":"20240123121449"}						

Select Principal Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
ItemRes	Search Item Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	Y	3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	Y		
		resultDt	This is the VSDC response date-time	Result Date	VARCHAR	Y	14	
		tpin	This is the taxpayer's identification number as registered on the core tax administration system TaxOnline	TPIN	VARCHAR	N	10	

		principalNm	This is the principal name	Princilal Name	VARCHAR	N	255	
		principalAddress	This is the principal address	Pincipal Addeess	VARCHAR	N	255	
		principalEmail	This is the principal Email	Principal Email	VARCHAR	N	255	
		principalTelNo	This is principal telephone number	Principal Telephone Number	VARCHAR	N	50	
		RegDt	This is the Registration date	Registration date	VARCHAR	N	14	
		modDt	This is the modification date	Modification date	VARCHAR	N	14	
		accountNo	This is the Agent account number	Agent account number	VARCHAR	N	50	
	JSON RESPONSE SAMPLE							
	{ "resultCd": "000", "resultMsg": "It is succeeded", "resultDt": "20240728181556","data": {"taxpayerPrincipalList": [{"id": 100,"tpin": "1000277594","tin": "1000277594", "principalNm": "KASONGO 1 17","principalAddress": "IBEX","principalEmail": "kasongo@kasongo.com", "principalTelNo": "+260924567890","regDt": null, "modDt": null, "accountNo": "1232312117"},{"id": 101,"tpin": "1000277594","tin": "1000277594", "principalNm": "KASONGO 2 18","principalAddress": "IBEX","principalEmail": "kasongo@kasongo.com","principalTelNo": "+260924567890","regDt": null,"modDt": null,"accountNo": "1232312218"}]} }							

Save Sales Request – **RVAT with Agent**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	
		orgIncNo	The invoice number being referred to if you are issuing a credit note or debit note	Original Invoice Number	NUMBER	N	38	
		cisInvcNo	Invoice number as generated on Taxpayers	CIS Invoice number	VARCHAR	Y	50	

			Certified invoicing solutions					
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale (Pass N)	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	Y	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g. Approved, Refunded etc.	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	Y	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	Y	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	

		taxblAmtB	Total tax exclusive amount for all line items classified as MTV - Minimum Taxable Value for VAT purposes (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT purposes (pass 0.0 if not applicable)	Taxable Amount E	NUMBER	Y	18,4	
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	

		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	
		taxRtC1	Tax rate for C1- Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	

		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount B	NUMBER	Y	18,4	
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	

		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-Insurance) on invoice (Pass 0.0 when not applicable)	Tax Amount IPL2	NUMBER	Y	18,4	
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items	Tax Amount ECM	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,4	
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	
		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code. (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number	LPO Number	VARCHAR	N	50	

			as presented by the buyer. This will be validated.					
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	
		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		principalId	Principal ID for RVAT transaction with Agents	Principal ID	NUMBER	N	18,0	
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<TrnsSalesSaveWrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4 Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'

		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,4	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item. Pass null where not applicable	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item. Pass null where not applicable	Excise Tax Category Code	VARCHAR	Y	5	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for VAT at line-item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,4	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line-item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line-item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line-item level	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	

			(Pass 0.0 when not applicable)					
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item. (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","orgInvcNo":0,"cisInvcNo":"CIS001-1379","custTpin":"2000000000","custNm":"Smart Customer","principalId":"8","salesTyCd":"N","rcptTyCd":"S","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20250508102010","salesDt":"20250508","stockRlsDt":null,"cnclReqDt":null,"cnclDt":null,"rfdDt":null,"rfdRsnCd":null,"totItemCnt":2,"taxblAmtA":86.2069,"taxblAmtB":0.0,"taxblAmtC1":0.0,"taxblAmtC2":0.0,"taxblAmtC3":0.0,"taxblAmtD":0.0,"taxblAmtRvat":86.2069,"taxblAmtE":0.0,"taxblAmtF":0.0,"taxblAmtIpl1":0.0,"taxblAmtIpl2":0.0,"taxblAmtTl":0.0,"taxblAmtEcm":0,"taxblAmtExeeg":0.0,"taxblAmtTot":0.0,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"tlAmt":0.0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"taxAmtA":13.7931,"taxAmtB":0.0,"taxAmtC1":0.0,"taxAmtC2":0.0,"taxAmtC3":0.0,"taxAmtD":0.0,"taxAmtRvat":13.7931,"taxAmtE":0.0,"taxAmtF":0.0,"taxAmtIpl1":0.0,"taxAmtIpl2":0.0,"taxAmtTl":0.0,"taxAmtEcm":0.0,"taxAmtExeeg":0.0,"taxAmtTot":0.0,"totTaxblAmt":172.4138,"totTaxAmt":27.5862,"cashDcRt":0,"cashDcAmt":0,"totAmt":200,"prchrAcptcYn":"N","remark":"","regrId":"admin","regrNm":"admin","modrId":"admin","modrNm":"admin","saleCtyCd":"1","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1","destnCountryCd":"","dbtRsnCd":"","invcAdjustReason":"","itemList":[{"itemSeq":1,"itemCd":"20056","itemClsCd":"50102518","itemNm":"Bread","bcd":"","pkgUnitCd":"BA","pkg":0.0,"qtyUnitCd":"BE","qty":1.0,"prc":100,"splyAmt":100,"dcRt":0.0,"dcAmt":0.0,"isrccCd":"","isrccNm":"","isrcRt":0.0,"isrcAmt":0.0,"vatCatCd":"A","exciseTxCatCd":null,"tlCatCd":null,"iplCatCd":null,"vatTaxblAmt":86.2069,"vatAmt":13.7931,"exciseTaxblAmt":0,"tlTaxblAmt":0.0,"iplTaxblAmt":0.0,"iplAmt":0.0,"tlAmt":0.0,"exciseTxAmt":0,"totAmt":100},{"itemSeq":2,"itemCd":"20056","itemClsCd":"50102518","itemNm":"Reinsurance","bcd":"","pkgUnitCd":"BA","pkg":0.0,"qtyUnitCd":"BE","qty":1.0,"prc":100,"splyAmt":100,"dcRt":0.0,"dcAmt":0.0,"isrccCd":"","isrccNm":"","isrcRt":0.0,"isrcAmt":0.0,"vatCatCd":"RVAT","exciseTxCatCd":null,"vatTaxblAmt":86.2069,"exciseTaxblAmt":0,"tlTaxblAmt":0.0,"tlCatCd":null,"tlAmt":0.0,"iplCatCd":null,"iplAmt":0.0,"iplTaxblAmt":0.0,"vatAmt":13.7931,"exciseTxAmt":0,"totAmt":100}]}

Save Sales Request – **MTV**

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrReq	Save Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch Id	VARCHAR	Y	3	

		orgIncNo	The invoice number being referred to if you are issuing a credit note or debit note	Original Invoice Number	NUMBER	N	38	
		cisInvcNo	Invoice number as generated on Taxpayers Certified invoicing solutions	CIS Invoice number	VARCHAR	Y	50	
		custTpin	Customers taxpayer's identification number as registered on core Tax Administration System TaxOnline	Customer TPIN	VARCHAR	N	10	
		custNm	Customers name	Customer Name	VARCHAR	N	60	
		salesTyCd	Code associated with type of sale (Pass N)	Sales Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.8. Sale Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	Y	5	See '6.9. Payment Method'
		salesSttsCd	Progress of transaction e.g. Approved, Refunded etc.	Invoice/Sale Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		cfmDt	Date time when invoice was issued	Confirmation Date	VARCHAR	Y	14	yyyyMMddhhmmss
		salesDt	Date when sale was made	Sales Date	VARCHAR	Y	8	yyyyMMdd
		stockRlsDt	Date when the item was released from the warehouse/branch	Stock Released Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclReqDt	Date time when a cancellation request was made. This is used when one needs to cancel an invoice	Cancell Requested Date	VARCHAR	Y	14	yyyyMMddhhmmss
		cnclDt	Date when cancellation was approved	Cancel Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdDt	Date when refund was made (null when not a refund)	Refunded Date	VARCHAR	Y	14	yyyyMMddhhmmss
		rfdRsnCd	Reason for issuing a refund (empty string when not a refund)	Refunded Reason Code	VARCHAR	Y	5	See '6.15. Refund Reason Code'
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	

		taxblAmtA	Total tax exclusive amount for all line items classified as Standard Rated for VAT purposes (Pass 0.0 if not applicable)	Taxable Amount A	NUMBER	Y	18,4	
		taxblAmtB	Total tax exclusive amount for all line items classified as MTV -Minimum Taxable Value for VAT purposes (pass 0.0 if not applicable)	Taxable Amount B	NUMBER	Y	18,4	
		taxblAmtC1	Total tax exclusive amount for all line items classified as C1 - Exports for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C1	NUMBER	Y	18.4	
		taxblAmtC2	Total tax exclusive amount for all line items classified as C2 – Zero rating LPO for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C2	NUMBER	Y	18.4	
		taxblAmtC3	Total tax exclusive amount for all line items classified as C3 Zero rated by nature for VAT purposes (pass 0.0 if not applicable)	Taxable Amount C3	NUMBER	Y	18.4	
		taxblAmtD	Total tax exclusive amount for all line items classified as D Exempt for VAT purposes (pass 0.0 if not applicable)	Taxable Amount D	NUMBER	Y	18,4	
		taxblAmtRvat	Total tax exclusive amount for all line items classified as RVAT for VAT purposes (pass 0.0 if not applicable)	Taxable Amount RVAT	NUMBER	Y	18,4	
		taxblAmtE	Total tax exclusive amount for all line items classified as E - Disbursements for VAT	Taxable Amount E	NUMBER	Y	18,4	

			purposes (pass 0.0 if not applicable)					
		taxblAmtF	Total tax exclusive amount for all line items classified as F for VAT purposes (pass 0.0 if not applicable)	Taxable Amount F	NUMBER	Y	18,4	
		taxblAmtIpl1	Total tax exclusive amount for all line items attracting Insurance Premium Levy (pass 0.0 if not applicable)	Taxable Amount IPL	NUMBER	Y	18,4	
		taxblAmtIpl2	Total tax exclusive amount for all line items attracting Insurance Premium Levy 2 (pass 0.0 if not applicable)	Taxable Amount IPL2	NUMBER	Y	18,4	
		taxblAmtTl	Total tax exclusive amount for all line items attracting Tourism Levy (pass 0.0 if not applicable)	Taxable Amount TL	NUMBER	Y	18,4	
		taxblAmtEcm	Total tax exclusive amount for all line items attracting Excise Coal (pass 0.0 if not applicable)	Taxable Amount ECM	NUMBER	Y	18,4	
		taxblAmtExeeg	Total tax exclusive amount for all line items attracting Excise Electricity (pass 0.0 if not applicable)	Taxable Amount EXEEG	NUMBER	Y	18,4	
		taxblAmtTot	Total tax exclusive amount for all line items attracting TOT (pass 0.0 if not applicable)	Taxable Amount TOT	NUMBER	Y	18,4	
		taxRtA	Tax rate VAT Standard rated category A– As per standard codes	Tax Rate A	NUMBER	Y	7,2	
		taxRtB	Tax rate for Minimum Taxable Value – As per standard codes	Tax Rate B	NUMBER	Y	7,2	

		taxRtC1	Tax rate for C1-Exports – As per standard codes	Tax Rate C1	NUMBER	Y	7,2	
		taxRtC2	Tax rate for C2 Zero rating LPO – As per standard codes	Tax Rate C2	NUMBER	Y	7,2	
		taxRtC3	Tax rate for C3 Zero rated by nature – As per standard codes	Tax Rate C3	NUMBER	Y	7,2	
		taxRtD	Tax rate for D Exempt – As per standard codes	Tax Rate D	NUMBER	Y	7,2	
		taxRtRvat	Tax rate for RVAT reverse VAT – As per standard codes	Tax Rate RVAT	NUMBER	Y	7,2	
		taxRtE	Tax rate E Disbursements – As per standard codes	Tax Rate E	NUMBER	Y	7,2	
		taxRtF	Rate for F Service charge – As per standard codes	Tax Rate F	NUMBER	Y	7,2	
		taxRtIpl1	Tax rate for Insurance premium levy – As per standard codes	Tax Rate IPL	NUMBER	Y	7,2	
		taxRtIpl2	Tax rate for Insurance Premium Levy – As per standard codes	Tax Rate IPL2	NUMBER	Y	7,2	
		taxRtTl	Tax rate for Tourism Levy – As per standard codes	Tax Rate TL	NUMBER	Y	7,2	
		taxRtEcm	Tax rate for Excise Coal Mining – As per standard codes	Tax Rate ECM	NUMBER	Y	7,2	
		taxRtExeeg	Tax rate Electricity and Energy generation – As per standard codes	Tax Rate EXEEG	NUMBER	Y	7,2	
		taxRtTot	Tax rate VAT – As per standard codes	Tax Rate TOT	NUMBER	Y	7,2	
		taxAmtA	This is the total tax charged on all VAT category A line items on invoice (Pass 0.0 when not applicable)	Tax Amount A	NUMBER	Y	18,4	
		taxAmtB	This is the total tax charged on all VAT category A line items	Tax Amount B	NUMBER	Y	18,4	

			on invoice (Pass 0.0 when not applicable)					
		taxAmtC1	This is the total tax charged on all VAT category C1 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C1	NUMBER	Y	18,4	
		taxAmtC2	This is the total tax charged on all VAT category C2 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C2	NUMBER	Y	18,4	
		taxAmtC3	This is the total tax charged on all VAT category C3 line items on invoice (Pass 0.0 when not applicable)	Tax Amount C3	NUMBER	Y	18,4	
		taxAmtD	This is the total tax charged on all VAT category D line items on invoice (Pass 0.0 when not applicable)	Tax Amount D	NUMBER	Y	18,4	
		taxAmtRvat	This is the total tax charged on all VAT category RVAT line items on invoice (Pass 0.0 when not applicable)	Tax Amount RVAT	NUMBER	Y	18,4	
		taxAmtE	This is the total tax charged on all VAT category E line items on invoice (Pass 0.0 when not applicable)	Tax Amount E	NUMBER	Y	18,4	
		taxAmtF	This is the total tax charged on all VAT category F (Service Charge) line items on invoice (Pass 0.0 when not applicable)	Tax Amount F	NUMBER	Y	18,4	
		taxAmtIpl1	This is the total Insurance Premium Levy IPL on invoice (Pass 0.0 when not applicable)	Tax Amount IPL1	NUMBER	Y	18,4	
		taxAmtIpl2	This is the total Insurance Premium Levy IPL2 (Re-	Tax Amount IPL2	NUMBER	Y	18,4	

			Insurance) on invoice (Pass 0.0 when not applicable)					
		taxAmtTl	This is the total tax Tourism Levy charged on invoice (Pass 0.0 when not applicable)	Tax Amount TL	NUMBER	Y	18,4	
		taxAmtEcm	This is the total tax charged on all Excise Coal Mining line items on invoice (Pass 0.0 when not applicable)	Tax Amount ECM	NUMBER	Y	18,4	
		taxAmtExeeg	This is the total tax charged on all Excise Electricity and Energy generating line items on invoice (Pass 0.0 when not applicable)	Tax Amount EXEEG	NUMBER	Y	18,4	
		taxAmtTot	[Pass 0.0 not applicable on invoice]	Tax Amount TOT	NUMBER	Y	18,4	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total TaxlAmt	NUMBER	Y	18,4	
		totTaxAmt	This is the total tax charged on all line items on invoice	Tot Tax Amount	NUMBER	Y	18,2	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	Y	18,2	
		prchrAcptcYn	This specifies whether a purchase has been accepted or not. (Pass N)	Purchase Accepted Yes or No	VARCHAR	Y	1	
		remark	This is any comment/remark on the transaction	Remark	VARCHAR	N	400	
		regrId	This refers to the ID of the user of the system adding the item	Registrant Id	VARCHAR	Y	20	
		regrNm	This refers to the username of the person making the sale on the system.	Registrant Name	VARCHAR	Y	60	

		modrId	This refers to the ID of the user of the system adding the item	Modifier Id	VARCHAR	Y	20	
		modrNm	This refers to the username of the person modifying the sale on the system. (Default to ADMIN when not applicable)	Modifier Name	VARCHAR	Y	60	
		saleCtyCd	This is the sales category code. (pass 1)	Sales Category Code	VARCHAR	Y	2	
		lpoNumber	This is the Local Purchase order number as presented by the buyer. This will be validated.	LPO Number	VARCHAR	N	50	
		currencyTyCd	This is the currency code used in the transaction – as per standard codes	Currency Type Code	VARCHAR	Y	5	
		exchangeRt	This is the exchange rate used in the transaction.	Exchange rate	NUMBER	Y	18,4	
		destnCountryCd	This is the destination country of the item being exported.	Destination Country Code	VARCHAR	N	5	
		dbtRsnCd	This is the reason code for issuing a debit.	Debit Reason Code	VARCHAR	N	5	
		invcAdjustReason	This is the reason for adjusting an invoice	Invoice Adjustment Reason	VARCHAR	N		
		cashDcRt	Cash/value discount rate	Cash Discount Rate	NUMBER	N	18,4	
		cashDcAmt	Cash /value discount amount	Cash discount amount	NUMBER	N	18,4	
	List<TrnsSalesSaveWrItem>	itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	11	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	Y	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	

		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	Y	5	See '6.4 Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,4	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Amount	NUMBER	Y	18,4	
		dcRt	This is the discount rate on line item (Pass 0.0 if not applicable)	Discount rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,2	
		isrccCd	Insurance Company Code	Insurance Company Code	VARCHAR	N	10	
		isrccNm	Insurance Company name	Insurance Company name	VARCHAR	N	100	
		isrcAmt	This is the insurance amount on line item	Insurance Amount	NUMBER	N	18,4	
		vatCatCd	This represents the tax category code for VAT purposes on line item. Pass null where not applicable	Vat Category Code	VARCHAR	Y	5	
		exciseTxCatCd	This represents the tax category code for Excise on line item. Pass null where not applicable	Excise Tax Category Code	VARCHAR	Y	5	
		rrp	Recommended Retailed Price	RRP	NUMBER	N	18,4	
		vatTaxblAmt	This is the **Tax Exclusive Amount** for	VAT Taxable Amount	NUMBER	Y	18,4	

			VAT at line-item level (Pass 0.0 when not applicable)					
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for Excise at line-item level (Pass 0.0 when not applicable)	Excise Taxable Amount	NUMBER	Y	18,4	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for Tourism Lecy at line-item level (Pass 0.0 when not applicable)	Tourism Levy Taxable Amount	NUMBER	Y	18,4	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line-item level (Pass 0.0 when not applicable)	Insurance Premium Levy Taxable Amount	NUMBER	Y	18,4	
		iplAmt	This is the insurance premium levy tax amount charged on the line item	Insurance Premium Levy Amount	NUMBER	Y	18,4	
		tlAmt	This is the Tourism Levy amount charged on the line item. (Pass 0.0 when not applicable)	Tourism Levy mount	NUMBER	Y	18,4	
		vatAmt	This is the VAT amount charged on the line item	VAT Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount charged on the line item (Pass 0.0 when not applicable)	Excise Tax Amount	NUMBER	Y	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,2	

JSON REQUEST SAMPLE

{"tpin": "1000000000","bhfId": "000","cisInvcNo":"INV00004","orgInvcNo": 0,"custTpin": "2000000000","custNm": "Mulonda Mubita","salesTyCd": "N","rcptTyCd": "S","pmtTyCd": "01","salesSttsCd": "02","cfmDt": "20240508102010","salesDt": "20240508","stockRlsDt": null,"cnclReqDt": null,"cnclDt": null,"rfdDt": null,"rfdRsnCd": null,"totItemCnt": 2,"taxblAmtA": 0.0,
"taxblAmtB": 215.5172,"taxblAmtC": 0.0,"taxblAmtC1": 0.0,"taxblAmtC2": 0.0,"taxblAmtC3": 0.0,"taxblAmtD": 0.0,"taxblAmtRvat": 0.0,"taxblAmtE": 0.0,"taxblAmtF": 0.0,"taxblAmtIpl1": 0,"taxblAmtIpl2": 0.0,"taxblAmtTl": 0,"taxblAmtEcm": 0,"taxblAmtExeeg": 0.0,"taxblAmtTot": 0.0,"taxRtA": 16,"taxRtB": 16,"taxRtC1": 0,"taxRtC2": 0,"taxRtC3": 0,"taxRtD": 0,"taxRtRvat": 16,"taxRtE": 0,
"taxRtF": 10,"taxRtIpl1": 5,"taxRtIpl2": 0,"taxRtTl": 1.5,"taxRtEcm": 5,"taxRtExeeg": 3,"taxRtTot": 0,"taxAmtA": 0.0,"taxAmtB": 34.4828,"taxAmtC": 0.0,"taxAmtC1": 0.0,"taxAmtC2": 0.0,"taxAmtC3": 0.0,"taxAmtD": 0.0,"taxAmtRvat": 0.0,"taxAmtE": 0.0,"taxAmtF": 0,"taxAmtIpl1": 0,"taxAmtIpl2": 0.0,"taxAmtTl": 0,"taxAmtEcm": 0.0,"taxAmtExeeg": 0.0,"taxAmtTot": 0.0,"totTaxblAmt": 215.5172,

"totTaxAmt": 34.4828,"totAmt": 200,"prchrAcptcYn": "N","remark": "","regrId": "admin","regrNm": "admin","modrId": "admin","modrNm": "admin","saleCtyCd": "1","lpoNumber": null,"currencyTyCd": "ZMW","exchangeRt": "1","destnCountryCd": "","dbtRsnCd": "","invcAdjustReason":"","receipt":{"prchrAcptcYn":"N"},"itemList": [{"itemSeq": 1,"itemCd": "20044","itemClsCd": "50102517", "itemNm": "Chicken Wings","bcd": "","pkgUnitCd": "BA","pkg": 0.0,"qtyUnitCd": "BE","qty": 1.0,"rrp": 150,"prc": 100,"splyAmt": 150,"dcRt": 0.0,"dcAmt": 0.0,"isrccCd": "","isrccNm": "","isrcRt": 0.0,"isrcAmt": 0.0,"vatCatCd": "B","exciseTxCatCd": null,"vatTaxblAmt": 129.3103,"exciseTaxblAmt": 0,"vatAmt": 20.6897,"exciseTxAmt": 0,"totAmt": 100},{"itemSeq": 2,"itemCd": "20044","itemClsCd": "50102517","itemNm": "Chips","bcd": "","pkgUnitCd": "BA","pkg": 0.0,"qtyUnitCd": "BE","qty": 1.0,"rrp": 50,"prc": 100,"splyAmt": 100,"dcRt": 0.0,"dcAmt": 0.0,"isrccCd": "","isrccNm": "","isrcRt": 0.0,"isrcAmt": 0.0,"vatCatCd": "B","exciseTxCatCd": null,"vatTaxblAmt": 86.2069,"exciseTaxblAmt": 0,"vatAmt": 13.7931,"exciseTxAmt": 0,"totAmt": 100}]}

Save Sales Response (All sale types)

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrRes	Save Sales Response	resultCd	This is the VSDC response code	Result Code	VARCHAR		3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		200	
		resultDt	This is the VSDC response date-time	Result DateTime	VARCHAR		14	
		data		Response data	OBJECT			
JSON RESPONSE SAMPLE								
{"resultCd": "000","resultMsg": "It is succeeded","resultDt": "20240508194441","data": {"rcptNo": 7,"intrlData": "EDRNWVYKTVBCTS3U2236YMYWNQ","rcptSign": "KEKNILL3BK6CAH3H","vsdcRcptPbctDate": "20240508194441","sdcId": "SDC0010000553","mrcNo": "WIS00001092","qrCodeUrl": https://sandboxportal.zra.org.zm/common/link/ebm/receipt/indexEbmReceiptData?Data=2002572458000KEKNILL3BK6CAH3H, “rewardMsg”:”Demand a receipt to stand a chance to win a prize.”}}							

SELECT INVOICE

- **Endpoint:** /trnsSales/selectInvoice
- **Request method:** POST**.**
- **Requirement:** OPTIONAL
- **Description:** This endpoint facilitates the retrieval of invoice transactions already posted to ZRA.
- **Request Parameters:** TPIN, Branch ID, Invoice SDC ID and CIS Invoice number.
- **Response:** Returns details of an already uploaded invoice.
- **Note:** This request will only return details if an invoice was successfully posted to ZRA. More information about the uploaded invoices is available on the Portal under Transaction Management.

Select Invoice Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrRes	Save Sales Response	tpin	This is the taxpayer identification number	Result Code	VARCHAR	Y	3	
		bhfId	This is the branch/store locator of the registered VSDC	Result Message	VARCHAR	Y	3	
		invcSdcId	This is the device id where the invoice was issued from	Invoice SDC Id	VARCHAR	Y	13	
		cisInvcNo	This is the invoice number being retrieved	CIS Invoice Number	VARCHAR	Y	50	
JSON REQUEST SAMPLE								
{"tpin": "1000000000", "bhfId": "000", "invcSdcId": "SDC0060000356", "cisInvcNo": "CIS001-7"}								

Select Invoice Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSelect	Select Invoice Response	resultCd	This is the VSDC response code	Result Code	VARCHAR		3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		200	
		resultDt	This is the VSDC response date-time	Result DateTime	VARCHAR		14	
		data		Response data	OBJECT			
JSON RESPONSE SAMPLE								
{"resultCd": "000", "resultMsg": "It is succeeded", "resultDt": "20240613184837", "data": { "cisInvcNo": "CIS001-7", "rcptNo": 21, "intrlData": "YO53RJAA7IKAGABBV4BWJ5SS4Q", "rcptSign": "STKXHWQ72I2O4WIX", "vsdcRcptPbctDate": "2024-06-13 18:46:20", "sdcId": "SDC0060000356", "mrcNo": "WIS00001200", "qrCodeUrl": "https://sandboxportal.zra.org.zm/common/link/ebm/receipt/indexEbmReceiptData?Data=1000000668000STKXHWQ72I2O4WIX"}}								

TAX INVOICE ENHANCEMENT REQUEST

ENDPOINT: /trnsSale/saveSales

Object ID	Object name	Attribute ID	Attribute name	Attribute description	Data Type	Required	Length	Format
		commInvcNo	Commercial Invoice Number		Number		38	
		custTyCd	Customer category		Varchar		5	see '6.24'. Customer type code'
		travelPurposeCd	Travel purpose code		Varchar		5	see '6.25' Travelpurpose code
		nonResidenTyCd	customer Non residence type or category		Varchar		5	see '6.25' travel purpose code'
		permenentRsdncAdrs	Customer Permanent residence address		Varchar		100	
		permanentRsncCountryCd	Customer Permanent residence country code		Varchar		5	See '6.3. Country Codes'
		originCountryCd	Origin country code		Varchar		5	See '6.3. Country Codes'

saleDetail		countriesVisited	List of countries visited		List<String>		5	See ‘6.3. Country Codes’
		countriesToBeVisited	List of countries to be visited		List<String>		5	See ‘6.3. Country Codes’
		tourPkgNmDtl	List of tour package names		List<String>		100	

JSON RESPONSE SAMPLE

{"tpin":"1234567890","bhfId":"000","orgInvcNo":0,"cisInvcNo":"9","custTpin":"1000000000","custNm":"Walk-In Customer","salesTyCd":"N","rcptTyCd":"S","pmtTyCd":"01","salesSttsCd":"02","cfmDt":"20250528173452","salesDt":"20250528","stockRlsDt":"20250528173452","cnclReqDt":"20250528173452","cnclDt":null,"totItemCnt":1,"taxblAmtA":0,"taxblAmtB":0,"taxblAmtC1":7000,"taxblAmtC2":0,"taxblAmtC3":0,"taxblAmtD":0,"taxblAmtRvat":0,"taxblAmtE":0,"taxblAmtF":0,"taxblAmtIpl1":0,"taxblAmtIpl2":0,"taxblAmtTl":0,"taxblAmtEcm":0,"taxblAmtExeeg":0,"taxblAmtTot":0,"taxAmtA":0,"taxAmtB":0,"taxAmtC":0,"taxAmtC1":0,"taxAmtC2":0,"taxAmtC3":0,"taxAmtD":0,"taxAmtRvat":0,"taxAmtE":0,"taxAmtF":0,"taxAmtIpl1":0,"taxAmtIpl2":0,"taxAmtTl":0,"taxAmtEcm":0,"taxAmtExeeg":0,"taxAmtTot":0,"totTaxblAmt":7000,"totTaxAmt":0,"totAmt":7000,"taxRtA":16,"taxRtB":16,"taxRtC1":0,"taxRtC2":0,"taxRtC3":0,"taxRtD":0,"tlAmt":0,"taxRtRvat":16,"taxRtE":0,"taxRtF":10,"taxRtIpl1":5,"taxRtIpl2":0,"taxRtTl":1.5,"taxRtEcm":5,"taxRtExeeg":3,"taxRtTot":0,"prchrAcptcYn":"N","remark":"","regrId":"admin","regrNm":"admin","modrId":"admin","modrNm":"admin","lpoNumber":null,"currencyTyCd":"ZMW","exchangeRt":"1.0","destnCountryCd":"RW","dbtRsnCd":null,"invcAdjustReason":null,"bankCd":"ABSA","swiftCd":"3123","bnkBranch":"Lusaka","bankAccntNo":"121321312","bankAccntHldr":"Yvette","custTyCd":"01","travelPurposeCd":"01","permanentRsdncAdrs":"Gasaba downtown","permanentRsdncCountryCd":"RW","originCountryCd":"RW","bookingAgentNm":"Lusaka Tour","tourPackageNames":[],"rebateInvcList":[],"itemList":[{"itemSeq":1,"itemCd":"ZA2NTNO0000027","itemClsCd":"25101917","itemNm":"Rice","bcd":"","pkgUnitCd":"NT","pkg":1,"qtyUnitCd":"NO","qty":1,"prc":7000,"splyAmt":7000,"dcRt":0,"dcAmt":0,"vatCatCd":"C1","vatTaxblAmt":7000,"vatAmt":0,"totAmt":7000}]}

Tax invoice enhancement Response

Save Sales Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrRes	Save Sales Response	resultCd	This is the VSDC response code	Result Code	VARCHAR		3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		200	
		resultDt	This is the VSDC response date-time	Result DateTime	VARCHAR		14	
		data		Response data	OBJECT			

JSON RESPONSE SAMPLE

{"resultCd": "000","resultMsg": "It is succeeded","resultDt": "20240508194441","data": {"rcptNo": 7,"intrlData": "EDRNWVYKTVBCTS3U2236YMYWNQ","rcptSign": "KEKNILL3BK6CAH3H","vsdcRcptPbctDate": "20240508194441","sdcId": "SDC0010000553","mrcNo": "WIS00001092","qrCodeUrl": "https://sandboxportal.zra.org.zm/common/link/ebm/receipt/indexEbmReceiptData?Data=2002572458000KEKNILL3BK6CAH3H"}}

5.10. Commercial invoice information

SAVE COMMERCIAL INVOICE

- **Endpoint:/trnsSales/saveCommercialInvoice**
- **Request method:** POST
- **Requirement:** Required for mining sector
- **Description:** For all export of goods and incidental services (e.g. Transport and Insurance), suppliers will be required to issue a commercial invoice using Smart Invoice. It serves as a customs declaration provided by the person or corporation that is exporting an item across international borders. (It is used in capturing imports and exports entries)
- **Request Parameters:** Invoice data including sender details, receiver details, transporter details, delivery details, shipment details invoice type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of invoice data submission.
- **Dependency**: A commercial invoice is required before any export of minerals, and should be followed by customs declaration, Provisional invoice (If applicable) and Final Tax Invoice or Final credit note
- **Commercial invoice acquittal process**: A commercial invoice is acquitted upon creating associated provisional invoice or Final Tax invoice.

Object ID	Oject name	Attribute ID	Attribute Name	Attribute Description	Data Type	Required	Data Length	Format
TrnsSaveComercialInvoice	Commercial Invoice	1	tpin	TPIN	VARCHAR	Yes	10	
		2	bhfId	Branch ID	VARCHAR	Yes	3	
		3	customsCd	Customs Code	VARCHAR	Yes	50	
		4	invcNo	Commercial Invoice number	NUMBER	Yes	38	
		5	cisInvcNo	CIS Invoice Number	VARCHAR	Yes	50	
		6	orgSdcId	Original Invoice Number	VARCHAR	No	14	

		7	orgInvcNo	Original Invoice number	NUMBER	No	38	
		8	invcDt	Invoice date	VARCHAR	Yes	8	yyyyMMdd
		9	ucrNo	UCR Number	VARCHAR	Yes	20	
		10	loadingPort	Loading Port	VARCHAR	No	-	
		11	consignmentNo	Consignment Number	VARCHAR	No	-	
		12	shippingDt	Shipping date	VARCHAR	Yes	-	yyyyMMddhhmmss
		13	shipmentNo	Shipment Number	VARCHAR	Yes	20	
		14	currencyTyCd	Currency	VARCHAR	Yes	5	See 6.6. Currency
		15	exchangeRt	Exchange rate	NUMBER	Yes	-	
		16	exportRsnTxt	Reason for export description	VARCHAR	Yes	100	
		17	senderAddrssDesc	Sender address	VARCHAR	Yes	100	
		18	senderPostalCd	Sender postal code/City	VARCHAR	Yes	50	
		19	exportCountryCd	Country of Export code	VARCHAR	Yes	5	6.3. Countries code
		20	senderNm	Sender name	VARCHAR	Yes	255	
		21	senderTelNo	Sender telephone	VARCHAR	Yes	13	
		22	senderEmail	Sender email	VARCHAR	Yes	100	
		23	rcvCompanyNm	Receiver company name	VARCHAR	Yes	255	
		24	rcvAddrssDesc	Receiver address	VARCHAR	Yes	100	
		25	rcvPostalCd	Receiver postal code/city	VARCHAR	Yes	100	
		26	destnCountryCd	Country of Destination code	VARCHAR	Yes	5	See 6.3. Countries code
		27	dischargePort	Port of Discharge	VARCHAR	Yes	50	
		28	dstntnIncotermCd	Destination incoterm code	VARCHAR	Yes	5	1.20. Destination Incortem

		29	dstntnIncoterm	Destination incoterm	VARCHAR	No	-	
		30	dstntnIncotermOther	Other departure incoterm	VARCHAR	Yes	30	
		31	rcvNm	Receiver name	VARCHAR	Yes	255	
		32	rcvTelNo	Receiver telephone	VARCHAR	Yes	15	
		33	rcvEmail	Receiver email	VARCHAR	Yes	100	
		34	dlvryCompanyNm	Delivery company name	VARCHAR	Yes	255	
		35	dlvryAddrssDesc	Delivery address	VARCHAR	Yes	100	
		36	dlvryPostalCd	Delivery postal code/city	VARCHAR	Yes	50	
		37	dlvryLoc	Delivery location	VARCHAR	Yes	100	
		38	loadingPortCd	Port of Loading	VARCHAR	Yes	5	6.19. Zambia ports
		39	dprtrIncotermCd	Departure incoterm	VARCHAR	Yes	5	6.21. Departure Incoterm
		40	dprtrIncoterm	Departure incoterm	VARCHAR	No	-	
		41	dprtrIncotermOther	Other departure incoterm	VARCHAR	Yes	20	
		42	dlvryContact	Delivery contact	VARCHAR	Yes	50	
		43	dlvryTelNo	Delivery telephone	VARCHAR	Yes	15	
		44	dlvryEmail	Delivery email	VARCHAR	Yes	100	
		45	transporterNm	Name of transporter	VARCHAR	Yes	255	
		46	transporterTpin	TPIN of Transporter	VARCHAR	No	10	
		47	transporterAddrssDesc	Address of Transporter	VARCHAR	Yes	100	
		48	orgnNatCd	Country of Origin of Transporter	VARCHAR	Yes	5	6.3. Countries code
		49	transporterInvcNo	Transporter,Äôs Invoice Number	VARCHAR	No	30	

		50	trnsptVhclRegNo	Transporter,Äôs vehicle registration number	VARCHAR	Yes	20	
		51	vesselNo	Vessel Number	VARCHAR	Yes	50	
		52	totAmt	Total Commercial Invoice Value	NUMBER	Yes	-	
		53	bankCd	Beneficiary Bank code	VARCHAR	Yes	5	6.23. Banks
		54	swiftCd	SWIFT Code	VARCHAR	Yes	20	
		55	bnkBranch	Bank Branch	VARCHAR	Yes	20	
		56	bankAccntNo	Beneficiary Bank account no	VARCHAR	Yes	50	
		57	bankAccntHldr	Beneficiary Bank account holder	VARCHAR	Yes	50	
		58	pymntTerms	Terms of payment	VARCHAR	Yes	100	
		59	salesTyCd	Sales Type Code	VARCHAR	No	-	See ‘6.7. Transaction type’
		60	rcptTyCd	Receipt Type Code	VARCHAR	Yes	5	See ‘6.8. Sale
		61	salesSttsCd	Sales Status Code	VARCHAR	Yes	5	See 1.22. Commercial Invoice status
		62	rfdRsnCd	Refund Reason Code	VARCHAR	No	5	See ‘6.15. Refund Reason Code’
		63	totItemCnt	Total Item Count	NUMBER	Yes	-	
		64	subTot	Subtotal	NUMBER	Yes	-	
		65	totFreightCosts	Total Freight Costs	NUMBER	Yes	-	
		66	totHandlingCosts	Total Handling Costs	NUMBER	Yes	-	
		67	totStorageCosts	Total Storage Costs	NUMBER	Yes	-	
		68	totInsuranceCosts	Total Insurance Costs	NUMBER	Yes	-	
		69	totOtherCosts	Total Other Costs	NUMBER	Yes	-	
		70	buyerRefNo	Buyer Reference	VARCHAR	Yes	50	
		71	frghtForwarder	Freight Forwarder	VARCHAR	Yes	50	
		72	regDt	Registration Date	VARCHAR	Yes	-	
itemList	Item List	1	itemSeq	Item sequence	NUMBER	YES	3	

		2	itemCd	Item code	VARCHAR	YES	100	
		3	itemNm	Item name	VARCHAR	YES	200	
		4	itemClsCd	Item class code	VARCHAR	YES	10	See UNSPC code
		5	hsCd	HS code	VARCHAR		20	
		6	pkg	Number of Package	NUMBER		18,4	
		7	pkgUnitCd	Packaging Unit code	VARCHAR		5	See ‘6.4 Packaging Unit’
		8	qty	Quantity	NUMBER	YES	18,4	
		9	qtyUnitCd	quantity unit code	VARCHAR	YES	5	See ‘6.5. Unit of Quantity’
		10	prc	Tax inclusive price of an item	NUMBER	YES	18,4	
		11	shpmntVal	Shipment value	NUMBER	YES	18,4	
		12	dcRt	Discount rate	NUMBER	YES	18,4	
		13	dcAmt	discount amount	NUMBER	YES	18,4	
		14	subTot	Sub total	NUMBER	YES	18,4	
		15	freightCosts	Freight costs	NUMBER	YES	18,4	
		16	handlingCosts	Handling costs	NUMBER	YES	18,4	
		17	storageCosts	Storage costs	NUMBER	YES	18,4	
		18	insuranceCosts	Insurance costs	NUMBER	YES	18,4	
		19	otherCosts	Other costs	NUMBER	YES	18,4	
		20	totAmt	Total commercial invoice value	NUMBER	YES	18,4	

{"tpin":"100000000","bhfId":"000","cisInvcNo":"CI/1","orgSdcId":null,"orgInvcNo":0,"invcDt":"20241015","salesTyCd":"CI","rcptTyCd":"S","salesSttsCd":"01","shippingDt":"20231015120000","shipmentNo":"21212","ucrNo":"SHIP12345","currencyTyCd":"USD","exchangeRt":1.2345,"exportRsnTxt":"Reason for export example","senderAddrssDesc":"Addis abba Dr","senderPostalCd":"12345","exportCountryCd":"SA","senderNm":"Bupe Karima","senderTelNo":"0912345678","senderEmail":"sender@zra.zm","rcvCompanyNm":"Google cloud Datacenter Ltd","rcvAddrssDesc":"456 Market St","rcvPostalCd":"54321","destnCountryCd":"SA","dischargePort":"Cape town","buyerRefNo":"BUY_REF_001","rcvNm":"Alex Zulu","rcvTelNo":"0987654321","rcvEmail":"receiver@zulu.com","dlvryCompanyNm":"Delivery Company","dlvryAddrssDesc":"789 Industrial Rd","dlvryPostalCd":"67890","dlvryLoc":"Warehouse 1","loadingPortCd":"QEW","dlvryContact":"John Doe","dlvryTelNo":"1230987654","dlvryEmail":"delivery@example.com","transporterNm":"Transporter Inc","transporterTpin":"TRAN123456","transporterAddrssDesc":"101 Transport St","orgnNatCd":"US","transporterInvcNo":"TRANINV123","frghtForwarder":"Lusaka logistics Ltd","vesselNo":"VESSEL001","bankCd":"BOZ","swiftCd":"SWIFT01","bnkBranch":"BRANCH01","bankAccntNo":"12345678901234","bankAccntHldr":"Account Holder","pymntTerms":"90 DAYS","totItemCnt":2,"totAmt":10184,"subTot":10000,"totFreightCosts":100,"totHandlingCosts":50,"totStorageCosts":20,"totInsuranceCosts":10,"totOtherCosts":4,"consignmentNo":"CONS12345","customsCd":"CUST01","trnsptVhclRegNo":"VHCL123","dprtrIncotermCd":"EXW","dprtrIncotermOther":"Makeni","dstntnIncotermCd":"EXW","dstntnIncotermOther":"Durban","regrId":"ADMIN","regrNm":"admin","regDt":"20241015100000","itemList":[{"itemSeq":1,"itemCd":"ITEM001","itemNm":"Product A","itemClsCd":"CLS001","hsCd":"HS123456","pkg":10.0000,"pkgUnitCd":"BA","qty":100.0000,"qtyUnitCd":"4B","prc":50.0000,"splyAmt":5000.0000,"freightCosts":50.0000,"handlingCosts":25.0000,"storageCosts":10.0000,"insuranceCosts":5.0000,"otherCosts":2.0000,"totAmt":5092.0000},{"itemSeq":2,"itemCd":"ITEM002","itemNm":"Product

B","itemClsCd":"CLS001","hsCd":"HS123456","pkg":10.0000,"pkgUnitCd":"BA","qty":100.0000,"qtyUnitCd":"4B","prc":50.0000,"splyAmt":5000.0000,"freightCosts":50.0000,"handlingCosts":25.0000,"storageCosts":10.0000,"insuranceCosts":5.0000,"otherCosts":2.0000,"totAmt":5092.0000}]}

Commercial invoice Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrRes	Save Sales Response	resultCd	This is the VSDC response code	Result Code	VARCHAR		3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		200	
		resultDt	This is the VSDC response date-time	Result DateTime	VARCHAR		14	
		data		Response data	OBJECT			

JSON RESPONSE SAMPLE

{"resultCd": "000","resultMsg": "It is succeeded","resultDt": "20240508194441","data": {"rcptNo": 7,"intrlData": "EDRNWVYKTVBCTS3U2236YMYWNQ","rcptSign": "KEKNILL3BK6CAH3H","vsdcRcptPbctDate": "20240508194441","sdcId": "SDC0010000553","mrcNo": "WIS00001092","qrCodeUrl": "http://172.21.3.130:8081/indexCommInvoiceData?Data=10004266010006BJQHZPR6ZPG7LJ4"}}

REVERSE A COMMERCIAL INVOICE/CREDIT NOTE

- **Endpoint:/trnsSales/saveCommercialInvoice**
- **Request method: POST**
- **Requirement:** Required when reversing a commercial invoice

Object ID	Oject name	Attribute ID	Attribute Name	Attribute Description	Data Type	Required	Data Length	Format
TrnsSaveComercialInvoice	Commercial Invoice	1	tpin	TPIN	VARCHAR	Yes	10	
		2	bhfId	Branch ID	VARCHAR	Yes	3	

		3	customsCd	Customs Code	VARCHAR	Yes	50	
		4	invcNo	Commercial Invoice number	NUMBER	Yes	38	
		5	cisInvcNo	CIS Invoice Number	VARCHAR	Yes	50	
		6	orgSdcId	Original Invoice Number	VARCHAR	No	14	
		7	orgInvcNo	Original Invoice number	NUMBER	No	38	
		8	invcDt	Invoice date	VARCHAR	Yes	8	yyyyMMdd
		9	ucrNo	UCR Number	VARCHAR	Yes	20	
		10	loadingPort	Loading Port	VARCHAR	No	-	
		11	consignmentNo	Consignment Number	VARCHAR	No	-	
		12	shippingDt	Shipping date	VARCHAR	Yes	-	yyyyMMddhhmmss
		13	shipmentNo	Shipment Number	VARCHAR	Yes	20	
		14	currencyTyCd	Currency	VARCHAR	Yes	5	See 6.6. Currency
		15	exchangeRt	Exchange rate	NUMBER	Yes	-	
		16	exportRsnTxt	Reason for export description	VARCHAR	Yes	100	
		17	senderAddrssDesc	Sender address	VARCHAR	Yes	100	
		18	senderPostalCd	Sender postal code/City	VARCHAR	Yes	50	
		19	exportCountryCd	Country of Export code	VARCHAR	Yes	5	6.3. Countries code
		20	senderNm	Sender name	VARCHAR	Yes	255	
		21	senderTelNo	Sender telephone	VARCHAR	Yes	13	
		22	senderEmail	Sender email	VARCHAR	Yes	100	
		23	rcvCompanyNm	Receiver company name	VARCHAR	Yes	255	
		24	rcvAddrssDesc	Receiver address	VARCHAR	Yes	100	

		25	rcvPostalCd	Receiver postal code/city	VARCHAR	Yes	100	
		26	destnCountryCd	Country of Destination code	VARCHAR	Yes	5	See 6.3. Countries code
		27	dischargePort	Port of Discharge	VARCHAR	Yes	50	
		28	dstntnIncotermCd	Destination incoterm code	VARCHAR	Yes	5	1.20. Destination Incortem
		29	dstntnIncoterm	Destination incoterm	VARCHAR	No	-	
		30	dstntnIncotermOther	Other departure incoterm	VARCHAR	Yes	30	
		31	rcvNm	Receiver name	VARCHAR	Yes	255	
		32	rcvTelNo	Receiver telephone	VARCHAR	Yes	15	
		33	rcvEmail	Receiver email	VARCHAR	Yes	100	
		34	dlvryCompanyNm	Delivery company name	VARCHAR	Yes	255	
		35	dlvryAddrssDesc	Delivery address	VARCHAR	Yes	100	
		36	dlvryPostalCd	Delivery postal code/city	VARCHAR	Yes	50	
		37	dlvryLoc	Delivery location	VARCHAR	Yes	100	
		38	loadingPortCd	Port of Loading	VARCHAR	Yes	5	6.19. Zambia ports
		39	dprtrIncotermCd	Departure incoterm	VARCHAR	Yes	5	6.21. Departure Incoterm
		40	dprtrIncoterm	Departure incoterm	VARCHAR	No	-	
		41	dprtrIncotermOther	Other departure incoterm	VARCHAR	Yes	20	
		42	dlvryContact	Delivery contact	VARCHAR	Yes	50	
		43	dlvryTelNo	Delivery telephone	VARCHAR	Yes	15	
		44	dlvryEmail	Delivery email	VARCHAR	Yes	100	
		45	transporterNm	Name of transporter	VARCHAR	Yes	255	

		46	transporterTpin	TPIN of Transporter	VARCHAR	No	10	
		47	transporterAddrssDesc	Address of Transporter	VARCHAR	Yes	100	
		48	orgnNatCd	Country of Origin of Transporter	VARCHAR	Yes	5	6.3. Countries code
		49	transporterInvcNo	Transporter,Äôs Invoice Number	VARCHAR	No	30	
		50	trnsptVhclRegNo	Transporter,Äôs vehicle registration number	VARCHAR	Yes	20	
		51	vesselNo	Vessel Number	VARCHAR	Yes	50	
		52	totAmt	Total Commercial Invoice Value	NUMBER	Yes	-	
		53	bankCd	Beneficiary Bank code	VARCHAR	Yes	5	6.23. Banks
		54	swiftCd	SWIFT Code	VARCHAR	Yes	20	
		55	bnkBranch	Bank Branch	VARCHAR	Yes	20	
		56	bankAccntNo	Beneficiary Bank account no	VARCHAR	Yes	50	
		57	bankAccntHldr	Beneficiary Bank account holder	VARCHAR	Yes	50	
		58	pymntTerms	Terms of payment	VARCHAR	Yes	100	
		59	salesTyCd	Sales Type Code	VARCHAR	No	-	See ‘6.7. Transaction type’
		60	rcptTyCd	Receipt Type Code	VARCHAR	Yes	5	See ‘6.8. Sale
		61	salesSttsCd	Sales Status Code	VARCHAR	Yes	5	See 1.22. Commercial Invoice status
		62	rfdRsnCd	Refund Reason Code	VARCHAR	Yes	5	See ‘6.15. Refund Reason Code’
		63	totItemCnt	Total Item Count	NUMBER	Yes	-	
		64	subTot	Subtotal	NUMBER	Yes	-	
		65	totFreightCosts	Total Freight Costs	NUMBER	Yes	-	
		66	totHandlingCosts	Total Handling Costs	NUMBER	Yes	-	
		67	totStorageCosts	Total Storage Costs	NUMBER	Yes	-	
		68	totInsuranceCosts	Total Insurance Costs	NUMBER	Yes	-	

		69	totOtherCosts	Total Other Costs	NUMBER	Yes	-	
		70	buyerRefNo	Buyer Reference	VARCHAR	Yes	50	
		71	frghtForwarder	Freight Forwarder	VARCHAR	Yes	50	
		72	regDt	Registration Date	VARCHAR	Yes	-	
		1	itemSeq	Item sequence	NUMBER	YES	3	
		2	itemCd	Item code	VARCHAR	YES	100	
		3	itemNm	Item name	VARCHAR	YES	200	
		4	itemClsCd	Item class code	VARCHAR	YES	10	See UNSPC code
		5	hsCd	HS code	VARCHAR		20	
		6	pkg	Number of Package	NUMBER		18,4	
		7	pkgUnitCd	Packaging Unit code	VARCHAR		5	See '6.4 Packaging Unit'
		8	qty	Quantity	NUMBER	YES	18,4	
		9	qtyUnitCd	quantity unit code	VARCHAR	YES	5	See '6.5. Unit of Quantity'
		10	prc	Tax inclusive price of an item	NUMBER	YES	18,4	
		11	shpmntVal	Shipment value	NUMBER	YES	18,4	
		12	dcRt	Discount rate	NUMBER	YES	18,4	
		13	dcAmt	discount amount	NUMBER	YES	18,4	
		14	subTot	Sub total	NUMBER	YES	18,4	
		15	freightCosts	Freight costs	NUMBER	YES	18,4	
		16	handlingCosts	Handling costs	NUMBER	YES	18,4	
		17	storageCosts	Storage costs	NUMBER	YES	18,4	
		18	insuranceCosts	Insurance costs	NUMBER	YES	18,4	
		19	otherCosts	Other costs	NUMBER	YES	18,4	
itemList	Item List	20	totAmt	Total commercial invoice value	NUMBER	YES	18,4	

{"tpin":"1000426601","bhfId":"000","cisInvcNo":"CI/14","orgSdcId":"SDC0030000001","orgInvcNo":2,"rfdRsnCd":"01","invcDt":"20241015","salesTyCd":"CI","rcptTyCd":"R","salesSttsCd":"01","shippingDt":"20231015120000","shipmentNo":"21212","ucrNo":"SHIP12345","currencyTyCd":"USD","exchangeRt":1.2345,"exportRsnTxt":"Reason for export example","senderAddrssDesc":"Addis abba Dr","senderPostalCd":"12345","exportCountryCd":"SA","senderNm":"Bupe Karima","senderTelNo":"0912345678","senderEmail":"sender@zra.zm","rcvCompanyNm":"Google cloud Datacenter Ltd","rcvAddrssDesc":"456 Market St","rcvPostalCd":"54321","destnCountryCd":"SA","dischargePort":"Cape town","buyerRefNo":"BUY_REF_001","rcvNm":"Alex

Zulu","rcvTelNo":"0987654321","rcvEmail":"receiver@zulu.com","dlvryCompanyNm":"Delivery Company","dlvryAddrssDesc":"789 Industrial Rd","dlvryPostalCd":"67890","dlvryLoc":"Warehouse 1","loadingPortCd":"QEW","dlvryContact":"John Doe","dlvryTelNo":"1230987654","dlvryEmail":"delivery@example.com","transporterNm":"Transporter Inc","transporterTpin":"TRAN123456","transporterAddrssDesc":"101 Transport St","orgnNatCd":"US","transporterInvcNo":"TRANINV123","frghtForwarder":"Lusaka logistics Ltd","vesselNo":"VESSEL001","bankCd":"BOZ","swiftCd":"SWIFT01","bnkBranch":"BRANCH01","bankAccntNo":"12345678901234","bankAccntHldr":"Account Holder","pymntTerms":"90 DAYS","totItemCnt":2,"totAmt":10184,"subTot":10000,"totFreightCosts":100,"totHandlingCosts":50,"totStorageCosts":20,"totInsuranceCosts":10,"totOtherCosts":4,"consignmentNo":"CONS12345","customsCd":"CUST01","trnsptVhclRegNo":"VHCL123","dprtrIncotermCd":"EXW","dprtrIncotermOther":"Makeni","dstntnIncotermCd":"EXW","dstntnIncotermOther":"Durban","regrId":"ADMIN","regrNm":"admin","regDt":"20241015100000","itemList":[{"itemSeq":1,"itemCd":"ITEM001","itemNm":"Product A","itemClsCd":"CLS001","hsCd":"HS123456","pkg":10.0000,"pkgUnitCd":"BA","qty":100.0000,"qtyUnitCd":"4B","prc":50.0000,"splyAmt":5000.0000,"freightCosts":50.0000,"handlingCosts":25.0000,"storageCosts":10.0000,"insuranceCosts":5.0000,"otherCosts":2.0000,"totAmt":5092.0000},{"itemSeq":2,"itemCd":"ITEM002","itemNm":"Product B","itemClsCd":"CLS001","hsCd":"HS123456","pkg":10.0000,"pkgUnitCd":"BA","qty":100.0000,"qtyUnitCd":"4B","prc":50.0000,"splyAmt":5000.0000,"freightCosts":50.0000,"handlingCosts":25.0000,"storageCosts":10.0000,"insuranceCosts":5.0000,"otherCosts":2.0000,"totAmt":5092.0000}]}

Credit note Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsSalesSaveWrRes	Save Sales Response	resultCd	This is the VSDC response code	Result Code	VARCHAR		3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR		200	
		resultDt	This is the VSDC response date-time	Result DateTime	VARCHAR		14	
		data		Response data	OBJECT			

JSON RESPONSE SAMPLE

{"resultCd": "000","resultMsg": "It is succeeded","resultDt": "20240508194441","data": {"rcptNo": 7,"intrlData": "EDRNWVYKTVBCTS3U2236YMYWNQ","rcptSign": "KEKNILL3BK6CAH3H","vsdcRcptPbctDate": "20240508194441","sdcId": "SDC0010000553","mrcNo": "WIS00001092","qrCodeUrl": "http://172.21.3.130:8081/indexCommInvoiceData?Data=10004266010006BJQHZPR6ZPG7LJ4"}}

5.11. Provisional and Final invoice Information

The Provisional invoice API facilitates the transmission of detailed provisional invoice data from a third-party system to Smart Invoice. This data includes specific details associated with each sale, such as customer information, sale type, invoice number, and the date/time of the transaction. Developers can use this API to seamlessly transfer provisional invoice information, ensuring accurate invoicing and efficient management of customer transactions.

SAVE PROVISIONAL INVOICE

- **Endpoint:** /trnsSales/saveProvisionalInvoice
- **Request method:** POST.
- **Requirement:** Required for mining sector
- **Description:** This endpoint facilitates the submission of provisional invoice data from the third-party system into Smart Invoice.
- **Request Parameters:** data including customer details, sale type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of sales data submission.
- **Dependency:** After completing a provisional invoice transaction, it's important to update the inventory to reflect the correct levels of the items sold. This involves using the 'Save Stock Items' endpoint to show stock movements. Following this, the 'Stock Master' endpoint should be called to update the stock quantities based on the sales recorded. This process ensures that inventory adjustments due to sales are accurately reflected in the overall stock inventory, for further reporting to Smart Invoice.

- **Business rule:**
    - No Provisional Invoice must be created without related Commercial Invoices.
    - Each provisional invoice must make reference to the commercial Invoices.
    - The commercial invoice must have been already issued.
    - The commercial invoice must be picked without changes to quantities
    - The provisional invoice must be equal the quantity of Commercial Invoices issued
    - A provisional invoice can reference to multiple commercial invoice
- **Note:** All sales receipts must be printed with the ‘rcptNo’ which is returned in success response when sale is posted to VSDC. This is the ZRA invoice number which must be referred to when taxpayer intends to issue a credit note or debit note.

Object ID	Object name	Attribute ID	Attribute name	Attribute description	Data Type	Required	Length	Format
TrnsSaveProvisionalnvoice	Save Provisional invoice	tpin	Taxpayer Identification Number		Varchar		10	
		bhfId	Branch or Business Unit ID		Varchar		3	
		orgInvcNo	Original Invoice Number		Number		38,0	
		cisInvcNo	CIS Invoice Number		Varchar		50	
		custNm	Customer Name		Varchar		50	
		salesTyCd	Code associated with type of invoice ((e.g., PI for Provisional invoice)		Varchar		5	See ‘6.7. Transaction Type
		rcptTyCd	Receipt Type Code		Varchar		5	See ‘6.8. Sale Receipt Type’
		pmtTyCd	Payment Type Code		Varchar		5	See ‘1.9. Payment Method’
		salesSttsCd	Sales Status Code		Varchar		5	See ‘6.10. Transaction Progress’

		cfmDt	Confirmation Date (format: YYYYMMDDHHMMSS)		Varchar		14	
		salesDt	Sales Date (format: YYYYMMDD)		Varchar		8	
		rfdRsnCd	Refund Reason Code		Varchar		5	See ‘6.15. Refund Reason code’
		invcAdjustReason	Invoice Adjustment Reason		Varchar		255	
		totItemCnt	Total Item Count		Number		38,0	
		taxblAmtC1	Taxable Amount (Category 1)		Number		18,4	
		taxRtC1	Tax Rate (Category 1)		Number		5,2	
		taxAmtC1	Tax Amount (Category 1)		Number		18,4	
		totTaxblAmt	Total Taxable Amount		Number		18,4	
		totTaxAmt	Total Tax Amount		Number		18,4	
		remark	Remarks or Additional Information		Varchar		255	

		prchseOrdrNo	Purchase Order Number		Varchar	YES	15	
		commInvcNoList	Commercial Invoice Number		List<Long>	YES	38,0	
		treatmentCharges	Treatment Charges (deduction)		Number	YES	18,4	
		processingCharges	Processing Charges (deduction)		Number	YES	18,4	
		tollingCharges	Tolling Charges (deduction)		Number	YES	18,4	
		refineryCharges	Refinery Charges (deduction)		Number	YES	18,4	
		freightOrTransport	Freight or Transportation Charges (deduction)		Number	YES	18,4	
		moistureDeductions	Moisture Deductions (deduction)		Number	YES	18,4	
		insolubleDeductions	Insoluble Deductions (deduction)		Number	YES	18,4	
		totalDeductions	Total Deductions		Number	YES	18,4	
		totAmt	Total Amount		Number	YES	18,4	
		regrId	Registrar ID (user performing registration)		Varchar	YES	50	

		regrNm	Registrar Name		Varchar	YES	50	
		modrId	Modifier ID (user performing modification)		Varchar	YES	50	
		modrNm	Modifier Name		Varchar	YES	50	
		currencyTyCd	Currency Type Code (e.g., USD)		Varchar	YES	5	
		exchangeRt	Exchange Rate		Number	YES	18,4	
itemList	Item list	itemSeq	Item Sequence		Number		10,0	
		itemCd	Item Code		Varchar		10	
		itemClsCd	Item Classification Code		Varchar		10	
		itemNm	Item Name		Varchar		50	
		pkgUnitCd	Package Unit Code		Varchar		5	See ‘6.4 Packaging Unit’
		pkg	Package Quantity		Number		10,2	

		qtyUnitCd	Quantity Unit Code		String		5	See ‘6.5. Unit of Quantity’
		qty	Quantity		Number		18,10	
		prc	Tax inclusive price of an item		Number		18,10	
		splyAmt	Supply Amount		Number		18,4	
		dcRt	Discount Rate		Number		5,2	
		dcAmt	Discount Amount		Number		18,4	
		vatCatCd	VAT Category Code		String		5	
		vatTaxblAmt	VAT Taxable Amount		Number		18,4	
		vatAmt	VAT Amount		Number		18,4	
		totAmt	Total Amount		Number		18,4	
JSON REQUEST SAMPLE								

{"tpin":"1000000000","bhfId":"000","custTpin":"1000000001","destnCountryCd":"RW","cisInvcNo":"PROV00022433235","orgCommInvcNoList":[8],"totTaxAmt":1350.1063,"taxRtTot":0,"taxRtExeeg":3,"taxblAmtC3":0,"taxRtA":16,"taxblAmtC2":0,"taxRtB":16,"rfdDt":null,"taxblAmtC1":0,"taxRtD":0,"taxRtE":0,"taxRtF":10,"currencyTyCd":"ZMW","orgInvcNo":"0","taxAmtTot":0,"taxblAmtIpl2":0,"salesSttsCd":"02","taxblAmtIpl1":0,"modrId":"1001666658","rcptTyCd":"S","invcAdjustReason":"","taxAmtTl":0,"taxAmtExeeg":0,"cnclReqDt":null,"salesDt":"20241204","taxRtIpl2":0,"taxblAmtExeeg":0,"taxRtIpl1":5,"exchangeRt":1,"taxblAmtRvat":0,"pmtTyCd":"08","cfmDt":"20241204123409","totTaxblAmt":8438.18,"dbtRsnCd":"","taxRtTl":1.5,"taxblAmtEcm":0,"taxRtC1":0,"taxRtEcm":5,"taxblAmtA":8438.1636,"taxblAmtB":0,"modrNm":"Colgate Palmolive (Zambia) Inc.","orgSdcId":null,"taxRtC2":0,"taxRtC3":0,"prchrAcptcYn":"Y","remark":"","regrId":"1001666658","taxAmtEcm":0,"taxRtRvat":16,"taxAmtD":0,"taxAmtIpl1":0,"taxAmtC":0,"taxAmtB":0,"taxAmtA":1350.1063,"taxAmtIpl2":0,"taxAmtF":0,"taxAmtE":0,"taxblAmtC":0,"taxblAmtTl":0,"taxblAmtD":0,"taxblAmtE":0,"taxblAmtF":0,"rfdRsnCd":null,"custNm":"Choppies Lake road","permanentRsdncAdrs":"Kigali, Rw","originCountryCd":"RW","permanentRsdncCountryCd":"ZM","lpoNumber":null,"cnclDt":null,"totItemCnt":7,"totAmt":9788.2699,"salesTyCd":"PI","taxAmtRvat":0,"regrNm":"Colgate Palmolive (Zambia) Inc.","taxblAmtTot":0,"taxAmtC1":0,"taxAmtC3":0,"taxAmtC2":0,"bankCd":"ECO","swiftCd":"3123123123","bnkBranch":"KATWE","bankAccntNo":"194712974192749","bankAccntHldr":"Karim Ahmed","prchseOrdrNo":"PUR000980","itemList":[{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067021541,"exciseTxCatCd":"","dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA02154C","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA SOFT BABY 2L","pkg":18,"itemSeq":1,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"},{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067093937,"dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA00314E","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA-SOFT 2L LAVENDER (F. BOOSTER)","pkg":18,"isrcAmt":"","itemSeq":2,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"},{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067093692,"exciseTxCatCd":"","dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA00305E","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA-SOFT 2L SPRING FRESH (F. BOOSTER)","pkg":18,"itemSeq":3,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"},{"prc":1996.7892,"vatTaxblAmt":1514.8056,"qtyUnitCd":"BX","bcd":16920354817820,"exciseTxCatCd":"","dcAmt":239.61,"itemClsCd":"53131502","pkgUnitCd":"EA","itemCd":"61041185","splyAmt":1996.7892,"totAmt":1757.1745,"itemNm":"COLGATE TP HERBAL 140G","pkg":72,"isrcAmt":"","itemSeq":4,"dcRt":12,"qty":1,"vatAmt":242.3689,"vatCatCd":"A"},{"prc":1340.148,"vatTaxblAmt":1155.3,"qtyUnitCd":"BX","bcd":16920354817813,"exciseTxCatCd":"","dcAmt":0,"itemClsCd":"53131502","pkgUnitCd":"EA","itemCd":"61041186","splyAmt":1340.148,"totAmt":1340.148,"itemNm":"COL TP HERBAL 70G","pkg":72,"isrcAmt":"","itemSeq":5,"dcRt":0,"qty":1,"vatAmt":184.848,"vatCatCd":"A"},{"prc":1815.0752,"vatTaxblAmt":1564.72,"qtyUnitCd":"BX","bcd":8718951289505,"exciseTxCatCd":"","dcAmt":0,"itemClsCd":"53131502","pkgUnitCd":"EA","itemCd":"61031123","splyAmt":1815.0752,"totAmt":1815.0752,"itemNm":"COL TP MAX FRESH COOL MINT 75ML","pkg":72,"isrcAmt":"","itemSeq":6,"dcRt":0,"qty":1,"vatAmt":250.3552,"vatCatCd":"A"},{"prc":1532.65,"vatTaxblAmt":1321.25,"qtyUnitCd":"BX","bcd":8718951350878,"exciseTxCatCd":"","dcAmt":0,"itemClsCd":"53131502","pkgUnitCd":"EA","itemCd":"61013331","splyAmt":1532.65,"totAmt":1532.65,"itemNm":"Charcoal Gentle Clean 120g","pkg":48,"isrcAmt":"","itemSeq":7,"dcRt":0,"qty":1,"vatAmt":211.4,"vatCatCd":"A"}]}

SAVE FINAL TAX INVOICE

- **Endpoint:** /trnsSales/saveFinalInvoice
- **Request method:** POST.
- **Requirement:** Required for mining sector
- **Description:** This endpoint facilitates the submission of final tax invoice which finalize a provisional from the third-party system into Smart Invoice.
- **Request Parameters:** data including customer details, sale type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of sales data submission.
- **Dependency:**
    - After completing a provisional invoice transaction, it's important to update the inventory to reflect the correct levels of the items sold. This involves using the 'Save Stock Items' endpoint to show stock movements. Following this, the 'Stock Master' endpoint

should be called to update the stock quantities based on the sales recorded. This process ensures that inventory adjustments due to sales are accurately reflected in the overall stock inventory, for further reporting to Smart Invoice.

- **Business rule:**
  - Final tax invoice always follows a credit not of a Provisional invoice
  - Final invoice should reference to a provisional invoice or commercial invoice
  - One Final invoice can finalize multiple provisional invoices
  - One Final invoice can acquit multiple commercial invoices

Object ID	Object name	Attribute ID	Attribute name	Attribute description	Data Type	Required	Length	Format
TrnsSaveProvisionalnvoice	Save Provisional invoice	tpin	Taxpayer Identification Number		Varchar		10	
		bhfId	Branch or Business Unit ID		Varchar		3	
		orgInvcNo	Original Invoice Number		Number		38,0	
		cisInvcNo	CIS Invoice Number		Varchar		50	
		custNm	Customer Name		Varchar		50	
		salesTyCd	Code associated with type of invoice ((e.g., PI for Provisional invoice)		Varchar		5	See ‘6.7. Transaction Type

		orgProvInvcNoList	List of original provisional invoices number to be finalized		List<Long>			
		orgCommInvcNoList	List of original commercial invoice numbers to be acquitted		List<Long>			
		rcptTyCd	Receipt Type Code		Varchar		5	See ‘6.8. Sale Receipt Type’
		pmtTyCd	Payment Type Code		Varchar		5	See ‘1.9. Payment Method’
		salesSttsCd	Sales Status Code		Varchar		5	See ‘6.10. Transaction Progress’
		cfmDt	Confirmation Date (format: YYYYMMDDHHMMSS)		Varchar		14	
		salesDt	Sales Date (format: YYYYMMDD)		Varchar		8	
		rfdRsnCd	Refund Reason Code		Varchar		5	See ‘6.15. Refund Reason code’
		invcAdjustReason	Invoice Adjustment Reason		Varchar		255	
		totItemCnt	Total Item Count		Number		38,0	

		taxblAmtC1	Taxable Amount (Category 1)		Number		18,4	
		taxRtC1	Tax Rate (Category 1)		Number		5,2	
		taxAmtC1	Tax Amount (Category 1)		Number		18,4	
		totTaxblAmt	Total Taxable Amount		Number		18,4	
		totTaxAmt	Total Tax Amount		Number		18,4	
		remark	Remarks or Additional Information		Varchar		255	
		prchseOrdrNo	Purchase Order Number		Varchar	YES	15	
		commInvcNo	Commercial Invoice Number		Number	YES	38,0	
		treatmentCharges	Treatment Charges (deduction)		Number	YES	18,4	
		processingCharges	Processing Charges (deduction)		Number	YES	18,4	
		tollingCharges	Tolling Charges (deduction)		Number	YES	18,4	
		refineryCharges	Refinery Charges (deduction)		Number	YES	18,4	

		freightOrTransport	Freight or Transportation Charges (deduction)		Number	YES	18,4	
		moistureDeductions	Moisture Deductions (deduction)		Number	YES	18,4	
		insolubleDeductions	Insoluble Deductions (deduction)		Number	YES	18,4	
		totalDeductions	Total Deductions		Number	YES	18,4	
		totAmt	Total Amount		Number	YES	18,4	
		regrId	Registrar ID (user performing registration)		Varchar	YES	50	
		regrNm	Registrar Name		Varchar	YES	50	
		modrId	Modifier ID (user performing modification)		Varchar	YES	50	
		modrNm	Modifier Name		Varchar	YES	50	
		currencyTyCd	Currency Type Code (e.g., USD)		Varchar	YES	5	
		exchangeRt	Exchange Rate		Number	YES	18,4	
itemList	Item list	itemSeq	Item Sequence		Number		10,0	

		itemCd	Item Code		Varchar		10	
		itemClsCd	Item Classification Code		Varchar		10	
		itemNm	Item Name		Varchar		50	
		pkgUnitCd	Package Unit Code		Varchar		5	See ‘6.4 Packaging Unit’
		pkg	Package Quantity		Number		10,2	
		qtyUnitCd	Quantity Unit Code		String		5	See ‘6.5. Unit of Quantity’
		qty	Quantity		Number		18,10	
		prc	Tax inclusive price of an item		Number		18,10	
		splyAmt	Supply Amount		Number		18,4	
		dcRt	Discount Rate		Number		5,2	
		dcAmt	Discount Amount		Number		18,4	

		vatCatCd	VAT Category Code		String		5	
		vatTaxblAmt	VAT Taxable Amount		Number		18,4	
		vatAmt	VAT Amount		Number		18,4	
		totAmt	Total Amount		Number		18,4	

JSON REQUEST SAMPLE

{"tpin":"1000426601","bhfId":"000","custTpin":"1003084830","destnCountryCd":"RW","cisInvcNo":"PROV00022431","orgProvInvcNoList":[1,3],"totTaxAmt":153.7114,"taxRtTot":0,"taxRtExeeg":3,"taxblAmtC3":0,"taxRtA":16,"taxblAmtC2":0,"taxRtB":16,"rfdDt":null,"taxblAmtC1":0,"taxRtD":0,"taxRtE":0,"taxRtF":10,"currencyTyCd":"ZMW","orgInvcNo":"0","taxAmtTot":0,"taxblAmtIpl2":0,"salesSttsCd":"02","taxblAmtIpl1":0,"modrId":"1001666658","rcptTyCd":"S","invcAdjustReason":"","taxAmtTl":0,"taxAmtExeeg":0,"cnclReqDt":null,"salesDt":"20241204","taxRtIpl2":0,"taxblAmtExeeg":0,"taxRtIpl1":5,"exchangeRt":1,"taxblAmtRvat":0,"pmtTyCd":"08","cfmDt":"20241204123409","totTaxblAmt":960.696,"dbtRsnCd":"","taxRtTl":1.5,"taxblAmtEcm":0,"taxRtC1":0,"taxRtEcm":5,"taxblAmtA":960.696,"taxblAmtB":0,"modrNm":"Colgate Palmolive (Zambia) Inc.","orgSdcId":null,"taxRtC2":0,"taxRtC3":0,"prchrAcptcYn":"Y","remark":"","regrId":"1001666658","taxAmtEcm":0,"taxRtRvat":16,"taxAmtD":0,"taxAmtIpl1":0,"taxAmtC":0,"taxAmtB":0,"taxAmtA":153.7114,"taxAmtIpl2":0,"taxAmtF":0,"taxAmtE":0,"taxblAmtC":0,"taxblAmtTl":0,"taxblAmtD":0,"taxblAmtE":0,"taxblAmtF":0,"rfdRsnCd":null,"custNm":"Choppies Lake road","permanentRsdncAdrs":"Kigali, Rw","originCountryCd":"RW","permanentRsdncCountryCd":"ZM","lpoNumber":null,"cnclDt":null,"totItemCnt":1,"totAmt":1114.4074,"salesTyCd":"F","taxAmtRvat":0,"regrNm":"Colgate Palmolive (Zambia) Inc.","taxblAmtTot":0,"taxAmtC1":0,"taxAmtC3":0,"taxAmtC2":0,"bankCd":"ECO","swiftCd":"3123123123","bnkBranch":"KATWE","bankAccntNo":"194712974192749","bankAccntHldr":"Karim Ahmed","prchseOrdrNo":"PUR000980","itemList":[{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067021541,"exciseTxCatCd":"","dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA02154C","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA SOFT BABY 2L","pkg":18,"itemSeq":1,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"}]}

SAVE FINAL CREDIT NOTE

- **Endpoint:** /trnsSales/saveFinalCreditNote
- **Request method:** POST.
- **Requirement:** Required for mining sector
- **Description:** This endpoint enables the submission of a final credit note, which finalizes a previously overstated provisional invoice from the third-party system into Smart Invoice.
- **Request Parameters:** data including customer details, sale type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of sales data submission.

- **Business rule:**
    - Final credit note always follows a previously overstated Provisional invoice
    - Final credit note should reference to a provisional invoice
    - One Final credit note can finalize multiple provisional invoices
    - One Final credit note can acquit multiple commercial invoices
    - The final credit note enables users to submit downward adjustments to a previously understated provisional invoice

Object ID	Object name	Attribute ID	Attribute name	Attribute description	Data Type	Required	Length	Format
TrnsSaveProvisionalnvoice	Save Provisional invoice	tpin	Taxpayer Identification Number		Varchar		10	
		bhfId	Branch or Business Unit ID		Varchar		3	
		orgInvcNo	Original Invoice Number		Number		38,0	
		cisInvcNo	CIS Invoice Number		Varchar		50	
		custNm	Customer Name		Varchar		50	
		salesTyCd	Code associated with type of invoice ((e.g., PI for Provisional invoice)		Varchar		5	See ‘6.7. Transaction Type

		orgProvInvcNoList	List of original provisional invoices number to be finalized		List<Long>			
		rcptTyCd	Receipt Type Code		Varchar		5	See ‘6.8. Sale Receipt Type’
		pmtTyCd	Payment Type Code		Varchar		5	See ‘1..9. Payment Method’
		salesSttsCd	Sales Status Code		Varchar		5	See ‘6.10. Transaction Progress’
		cfmDt	Confirmation Date (format: YYYYMMDDHHMMSS)		Varchar		14	
		salesDt	Sales Date (format: YYYYMMDD)		Varchar		8	
		rfdRsnCd	Refund Reason Code		Varchar		5	See ‘6.15. Refund Reason code’
		invcAdjustReason	Invoice Adjustment Reason		Varchar		255	
		totItemCnt	Total Item Count		Number		38,0	
		taxblAmtC1	Taxable Amount (Category 1)		Number		18,4	

		taxRtC1	Tax Rate (Category 1)		Number		5,2	
		taxAmtC1	Tax Amount (Category 1)		Number		18,4	
		totTaxblAmt	Total Taxable Amount		Number		18,4	
		totTaxAmt	Total Tax Amount		Number		18,4	
		remark	Remarks or Additional Information		Varchar		255	
		prchseOrdrNo	Purchase Order Number		Varchar	YES	15	
		commInvcNo	Commercial Invoice Number		Number	YES	38,0	
		treatmentCharges	Treatment Charges (deduction)		Number	YES	18,4	
		processingCharges	Processing Charges (deduction)		Number	YES	18,4	
		tollingCharges	Tolling Charges (deduction)		Number	YES	18,4	
		refineryCharges	Refinery Charges (deduction)		Number	YES	18,4	
		freightOrTransport	Freight or Transportation Charges (deduction)		Number	YES	18,4	

		moistureDeductions	Moisture Deductions (deduction)		Number	YES	18,4	
		insolubleDeductions	Insoluble Deductions (deduction)		Number	YES	18,4	
		totalDeductions	Total Deductions		Number	YES	18,4	
		totAmt	Total Amount		Number	YES	18,4	
		regrId	Registrar ID (user performing registration)		Varchar	YES	50	
		regrNm	Registrar Name		Varchar	YES	50	
		modrId	Modifier ID (user performing modification)		Varchar	YES	50	
		modrNm	Modifier Name		Varchar	YES	50	
		currencyTyCd	Currency Type Code (e.g., USD)		Varchar	YES	5	
		exchangeRt	Exchange Rate		Number	YES	18,4	
itemList	Item list	itemSeq	Item Sequence		Number		10,0	
		itemCd	Item Code		Varchar		10	

		itemClsCd	Item Classification Code		Varchar		10	
		itemNm	Item Name		Varchar		50	
		pkgUnitCd	Package Unit Code		Varchar		5	See ‘6.4 Packaging Unit’
		pkg	Package Quantity		Number		10,2	
		qtyUnitCd	Quantity Unit Code		String		5	See ‘6.5. Unit of Quantity’
		qty	Quantity		Number		18,10	
		prc	Tax inclusive price of an item		Number		18,10	
		splyAmt	Supply Amount		Number		18,4	
		dcRt	Discount Rate		Number		5,2	
		dcAmt	Discount Amount		Number		18,4	
		vatCatCd	VAT Category Code		String		5	

		vatTaxblAmt	VAT Taxable Amount		Number		18,4	
		vatAmt	VAT Amount		Number		18,4	
		totAmt	Total Amount		Number		18,4	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000","custTpin":"1000000000","destnCountryCd":"RW","cisInvcNo":"PROV00022431","orgProvInvcNoList":[1,6],"totTaxAmt":153.7114,"taxRtTot":0,"taxRtExeeg":3,"taxblAmtC3":0,"taxRtA":16,"taxblAmtC2":0,"taxRtB":16,"rfdDt":null,"taxblAmtC1":0,"taxRtD":0,"taxRtE":0,"taxRtF":10,"currencyTyCd":"ZMW","orgInvcNo":"0","taxAmtTot":0,"taxblAmtIpl2":0,"salesSttsCd":"02","taxblAmtIpl1":0,"modrId":"1001666658","rcptTyCd":"R","invcAdjustReason":"","taxAmtTl":0,"taxAmtExeeg":0,"cnclReqDt":null,"salesDt":"20241204","taxRtIpl2":0,"taxblAmtExeeg":0,"taxRtIpl1":5,"exchangeRt":1,"taxblAmtRvat":0,"pmtTyCd":"08","cfmDt":"20241204123409","totTaxblAmt":960.696,"dbtRsnCd":"","taxRtTl":1.5,"taxblAmtEcm":0,"taxRtC1":0,"taxRtEcm":5,"taxblAmtA":960.696,"taxblAmtB":0,"modrNm":"Colgate Palmolive (Zambia) Inc.","orgSdcId":null,"taxRtC2":0,"taxRtC3":0,"prchrAcptcYn":"Y","remark":"","regrId":"1001666658","taxAmtEcm":0,"taxRtRvat":16,"taxAmtD":0,"taxAmtIpl1":0,"taxAmtC":0,"taxAmtB":0,"taxAmtA":153.7114,"taxAmtIpl2":0,"taxAmtF":0,"taxAmtE":0,"taxblAmtC":0,"taxblAmtTl":0,"taxblAmtD":0,"taxblAmtE":0,"taxblAmtF":0,"rfdRsnCd":"02","custNm":"Choppies Lake road","permanentRsdncAdrs":"Kigali, Rw","originCountryCd":"RW","permanentRsdncCountryCd":"ZM","lpoNumber":null,"cnclDt":null,"totItemCnt":1,"totAmt":1114.4074,"salesTyCd":"F","taxAmtRvat":0,"regrNm":"Colgate Palmolive (Zambia) Inc.","taxblAmtTot":0,"taxAmtC1":0,"taxAmtC3":0,"taxAmtC2":0,"bankCd":"ECO","swiftCd":"3123123123","bnkBranch":"KATWE","bankAccntNo":"194712974192749","bankAccntHldr":"Karim Ahmed","prchseOrdrNo":"PUR000980","itemList":[{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067021541,"exciseTxCatCd":"","dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA02154C","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA SOFT BABY 2L","pkg":18,"itemSeq":1,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"}]}

SAVE FINAL CREDIT NOTE

- **Endpoint:** /trnsSales/saveFinalCombined
- **Request method:** POST.
- **Requirement:** Required for mining sector
- **Description:** This endpoint enables the submission of a final combined invoice, which finalizes a previously understated provisional invoice from the third-party system into Smart Invoice.
- **Request Parameters:** data including customer details, sale type, invoice number, and transaction timestamp.
- **Response:** Returns the success or failure of sales data submission.
- **Business rule:**
    - Final combined invoice always follows a previously understated Provisional invoice
    - Final combined invoice should reference to a provisional invoice

- One Final combined invoice can finalize multiple provisional invoices
- One Final combined invoice can acquit multiple commercial invoices
- Final invoice allows users to submit additional adjustments on a previously understated provisional invoice

Request body

Object ID	Object name	Attribute ID	Attribute name	Attribute description	Data Type	Required	Length	Format
TrnsSaveProvisionalnvoice	Save Provisional invoice	tpin	Taxpayer Identification Number		Varchar		10	
		bhfId	Branch or Business Unit ID		Varchar		3	
		orgInvcNo	Original Invoice Number		Number		38,0	
		cisInvcNo	CIS Invoice Number		Varchar		50	
		custNm	Customer Name		Varchar		50	
		salesTyCd	Code associated with type of invoice ((e.g., PI for Provisional invoice)		Varchar		5	See ‘6.7. Transaction Type
		orgProvInvcNoList	List of original provisional invoices number to be finalized		List<Long>			

rcptTyCd	Receipt Type Code		Varchar		5	See ‘6.8. Sale Receipt Type’
pmtTyCd	Payment Type Code		Varchar		5	See ‘1.9. Payment Method’
salesSttsCd	Sales Status Code		Varchar		5	See ‘6.10. Transaction Progress’
cfmDt	Confirmation Date (format: YYYYMMDDHHMMSS)		Varchar		14	
salesDt	Sales Date (format: YYYYMMDD)		Varchar		8	
rfdRsnCd	Refund Reason Code		Varchar		5	See ‘6.15. Refund Reason code’
invcAdjustReason	Invoice Adjustment Reason		Varchar		255	
totItemCnt	Total Item Count		Number		38,0	
taxblAmtC1	Taxable Amount (Category 1)		Number		18,4	
taxRtC1	Tax Rate (Category 1)		Number		5,2	

taxAmtC1	Tax Amount (Category 1)		Number		18,4	
totTaxblAmt	Total Taxable Amount		Number		18,4	
totTaxAmt	Total Tax Amount		Number		18,4	
remark	Remarks or Additional Information		Varchar		255	
prchseOrdrNo	Purchase Order Number		Varchar	YES	15	
commInvcNo	Commercial Invoice Number		Number	YES	38,0	
treatmentCharges	Treatment Charges (deduction)		Number	YES	18,4	
processingCharges	Processing Charges (deduction)		Number	YES	18,4	
tollingCharges	Tolling Charges (deduction)		Number	YES	18,4	
refineryCharges	Refinery Charges (deduction)		Number	YES	18,4	
freightOrTransport	Freight or Transportation Charges (deduction)		Number	YES	18,4	
moistureDeductions	Moisture Deductions (deduction)		Number	YES	18,4	

		insolubleDeductions	Insoluble Deductions (deduction)		Number	YES	18,4	
		totalDeductions	Total Deductions		Number	YES	18,4	
		totAmt	Total Amount		Number	YES	18,4	
		regrId	Registrar ID (user performing registration)		Varchar	YES	50	
		regrNm	Registrar Name		Varchar	YES	50	
		modrId	Modifier ID (user performing modification)		Varchar	YES	50	
		modrNm	Modifier Name		Varchar	YES	50	
		currencyTyCd	Currency Type Code (e.g., USD)		Varchar	YES	5	
		exchangeRt	Exchange Rate		Number	YES	18,4	
itemList	Item list	itemSeq	Item Sequence		Number		10,0	
		itemCd	Item Code		Varchar		10	
		itemClsCd	Item Classification Code		Varchar		10	

itemNm	Item Name		Varchar		50	
pkgUnitCd	Package Unit Code		Varchar		5	See ‘6.4 Packaging Unit’
pkg	Package Quantity		Number		10,2	
qtyUnitCd	Quantity Unit Code		String		5	See ‘6.5. Unit of Quantity’
qty	Quantity		Number		18,10	
prc	Tax inclusive price of an item		Number		18,10	
splyAmt	Supply Amount		Number		18,4	
dcRt	Discount Rate		Number		5,2	
dcAmt	Discount Amount		Number		18,4	
vatCatCd	VAT Category Code		String		5	
vatTaxblAmt	VAT Taxable Amount		Number		18,4	

vatAmt	VAT Amount		Number		18,4	
totAmt	Total Amount		Number		18,4	

JSON REQUEST SAMPLE

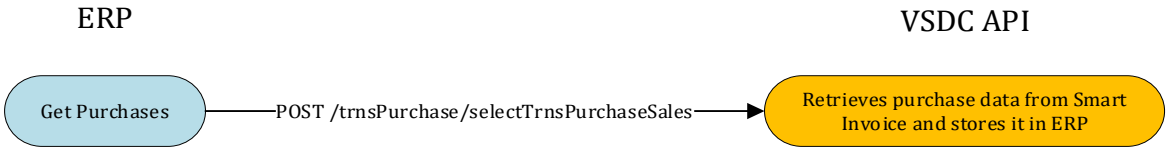
{"tpin":"1000000000","bhfId":"000","custTpin":"1000000000","destnCountryCd":"RW","cisInvcNo":"PROV00022431","orgProvInvcNoList":[1,6],"totTaxAmt":153.7114,"taxRtTot":0,"taxRtExeeg":3,"taxblAmtC3":0,"taxRtA":16,"taxblAmtC2":0,"taxRtB":16,"rfdDt":null,"taxblAmtC1":0,"taxRtD":0,"taxRtE":0,"taxRtF":10,"currencyTyCd":"ZMW","orgInvcNo":"0","taxAmtTot":0,"taxblAmtIpl2":0,"salesSttsCd":"02","taxblAmtIpl1":0,"modrId":"1001666658","rcptTyCd":"R","invcAdjustReason":"","taxAmtTl":0,"taxAmtExeeg":0,"cnclReqDt":null,"salesDt":"20241204","taxRtIpl2":0,"taxblAmtExeeg":0,"taxRtIpl1":5,"exchangeRt":1,"taxblAmtRvat":0,"pmtTyCd":"08","cfmDt":"20241204123409","totTaxblAmt":960.696,"dbtRsnCd":"","taxRtTl":1.5,"taxblAmtEcm":0,"taxRtC1":0,"taxRtEcm":5,"taxblAmtA":960.696,"taxblAmtB":0,"modrNm":"Colgate Palmolive (Zambia) Inc.","orgSdcId":null,"taxRtC2":0,"taxRtC3":0,"prchrAcptcYn":"Y","remark":"","regrId":"1001666658","taxAmtEcm":0,"taxRtRvat":16,"taxAmtD":0,"taxAmtIpl1":0,"taxAmtC":0,"taxAmtB":0,"taxAmtA":153.7114,"taxAmtIpl2":0,"taxAmtF":0,"taxAmtE":0,"taxblAmtC":0,"taxblAmtTl":0,"taxblAmtD":0,"taxblAmtE":0,"taxblAmtF":0,"rfdRsnCd":"02","custNm":"Choppies Lake road","permanentRsdncAdrs":"Kigali, Rw","originCountryCd":"RW","permanentRsdncCountryCd":"ZM","lpoNumber":null,"cnclDt":null,"totItemCnt":1,"totAmt":1114.4074,"salesTyCd":"F","taxAmtRvat":0,"regrNm":"Colgate Palmolive (Zambia) Inc.","taxblAmtTot":0,"taxAmtC1":0,"taxAmtC3":0,"taxAmtC2":0,"bankCd":"ECO","swiftCd":"3123123123","bnkBranch":"KATWE","bankAccntNo":"194712974192749","bankAccntHldr":"Karim Ahmed","prchseOrdrNo":"PUR000980","itemList":[{"prc":619.1152,"vatTaxblAmt":960.696,"qtyUnitCd":"BX","bcd":16001067021541,"exciseTxCatCd":"","dcAmt":123.82,"itemClsCd":"41104211","pkgUnitCd":"EA","itemCd":"FZA02154C","splyAmt":1238.2304,"totAmt":1114.4074,"itemNm":"STA SOFT BABY 2L","pkg":18,"itemSeq":1,"dcRt":10,"qty":2,"vatAmt":153.7114,"vatCatCd":"A"}]}

5.12. Purchase Information

The Purchases API facilitates the transmission of detailed purchase data from a third-party system to Smart Invoice. This data includes specific details associated with each purchase, such as supplier information, invoice number, item information and the date/time of the transaction. Developers can use this API to seamlessly transfer purchase information, ensuring accurate invoicing and efficient management of supplier transactions.

GET PURCHASES

- **Endpoint:** /trnsPurchase/selectTrnsPurchaseSales
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** Retrieve all purchases made by a business when they are supplied by another business using Smart Invoice.
- **Request Parameters:** TPIN, Branch ID, and Last Request Date
- **Response:** Returns a list of purchases with their details including item names, description, price recorded in Smart Invoice.



Select Purchases Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
TrnsPurchaseSalesReq	Search Purchase/Sales Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

Select Purchases Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
TrnsPurchaseSalesRes	Search Purchase/Sales Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3	
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200	
		resultDt	This is the VSDC response date-time	Result Date Time	VARCHAR	14	yyyyMMddhhmmss
		spplrTpin	This is the TPIN of the supplier	Supplier TPIN	VARCHAR	10	
		spplrNm	This is the name of the supplier	Supplier Name	VARCHAR	60	
		spplrBhfId	This is the registered branch of the supplier, as recorded on Smart Invoice. (Note: This is provided by supplier if they are Smart Invoice registered, otherwise can be left blank)	Supplier Branch Id	VARCHAR	3	
		spplrInvcNo	This represents the invoice number provided by the supplier	Supplier Invoice Number	NUMBER	38	

		rcptTyCd	This represents the type of sale of the transaction i.e. Sale or Refund after Sale	Receipt Type Code	VARCHAR	5	See '6.8. Sale Receipt Type'
		pmtTyCd	This is the mode/method of payment used in the transaction	Payment Type Code	VARCHAR	5	See 6.9. Payment Method
		cfmDt	This is the date on which the purchase was approved/confirmed	Confirmed Date	VARCHAR	14	yyyyMMddhhmmss
		salesDt	This is the date on which the sale was made	Sales Date	VARCHAR	8	yyyyMMdd
		stockRlsDt	This is the date on which items were released from warehouse/branch for sale	Stock Release Date	VARCHAR	14	yyyyMMddhhmmss
		totItemCnt	This is the total number of line items on invoice	Total Item Count	NUMBER	10	
		totTaxblAmt	This is the **total Tax Exclusive Amount** for all line items on invoice	Total Taxable Amount	NUMBER	18,4	
		totTaxAmt	This is the **total tax charged** on all line items on invoice	Total Tax Amount	NUMBER	18,2	
		totAmt	This is the **total Tax Inclusive Amount** of all line items on the invoice	Total Amount	NUMBER	18,2	
		remark	This is an additional comment section/field for remarks	Remark	VARCHAR	400	
		itemSeq	This is the line item sequence number	Item Sequence	NUMBER	4	
		itemCd	This is the item code identifier of the item	Item Code	VARCHAR	100	
		itemClsCd	This is the classification code of the item	Item Classification Code		10	
		itemNm	This is the name of the item being supplied	Item Name	VARCHAR	200	
		bcd	This is the Barcode assigned to line item	Barcode	VARCHAR	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Package Unit Code	VARCHAR	5	See '6.4. Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	13,2	
		qtyUnitCd	This is the assigned single item unit of measure code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	5	See '6.5. Unit of Quantity'
		qty	This is the quantity of the line items	Quantity	NUMBER	13,2	
		prc	This is the tax inclusive price of the item	Price	NUMBER	18,4	

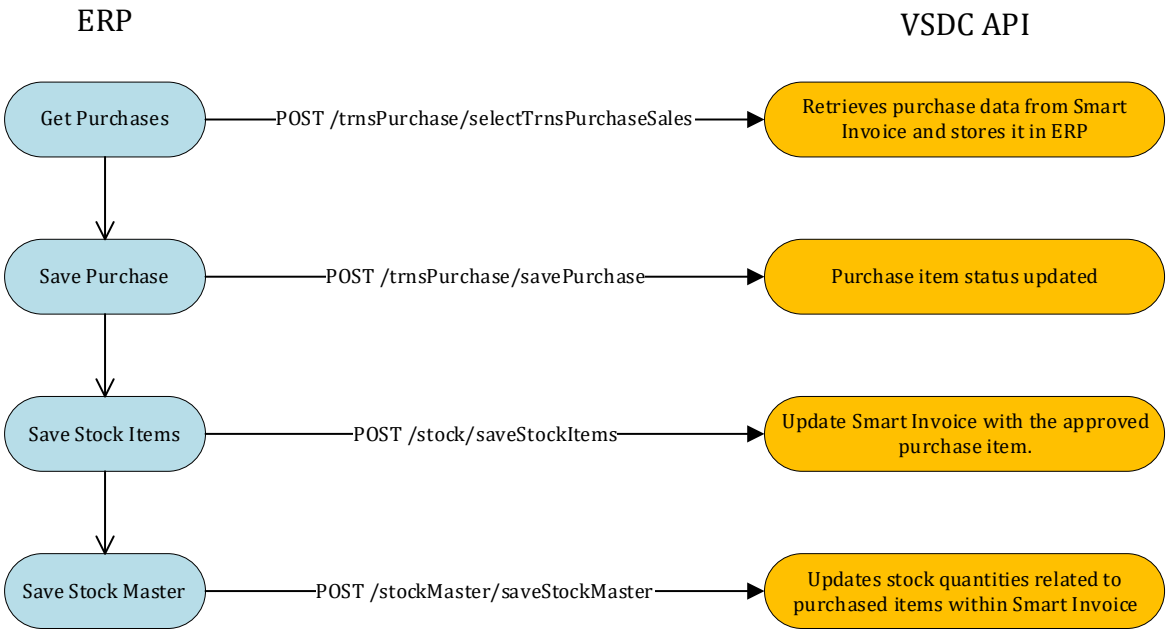
		splyAmt	This is the total amount of the items or services provided by the seller to the buyer (qty * prc)	Supply Amount	NUMBER	18,4	
		dcRt	This is the discount rate	Discount Rate	NUMBER	5,2	
		dcAmt	This is the total discount amount applied on the invoice if applicable	Discount Amount	NUMBER	18,2	
		vatCatCd	This represents the tax category code for VAT purposes.	VAT Category Code	VARCHAR	5	See '6.1. Tax Type'
		iplCatCd	This represents the tax category for IPL purposes e.g. "IPL"	IPL Category Code	VARCHAR	5	See '6.1. Tax Type'
		tlCatCd	This represents the tax category for TL purposes e.g."TL"	TL Category Code	VARCHAR	5	See '6.1. Tax Type'
		exciseTxCatC	This represents the tax category for Excise purposes e.g. "ECM" or "EXEEG"	Excise Tax Category Code	VARCHAR	5	See '6.1. Tax Type'
		vatTaxblAmt	This is the tax exclusive amount for a line item classified as VAT	VAT Taxable Amount	NUMBER	18,4	
		exciseTaxblAmt	This is the tax exclusive amount for a line item classified as Excise	Excise Table Amount	NUMBER	18,4	
		iplTaxblAmt	This is the tax exclusive amount for a line item classified as IPL	IPL Taxable Amount	NUMBER	18,4	
		tlTaxblAmt	This is the tax exclusive amount for a line item classified as TL	TL Taxable Amount	NUMBER	18,4	
		taxblAmt	This is the Total tax exclusive amount for the line item	Taxable Amount	NUMBER	18,4	
		vatAmt	This represents the tax charged specifically to VAT line items	VAT Amount	NUMBER	18,4	
		iplAmt	This represents the tax charged specifically to IPL line items	IPL Amount	NUMBER	18,4	
		tlAmt	This represents the tax charged specifically to TL line items	TL Amount	NUMBER	18,4	
		exciseTxAmt	This represents the tax charged specifically to Excise line items	Excise Tax Amount	NUMBER	18,4	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	18,2	

JSON RESPONSE SAMPLE

{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20240510103403","data":{"saleList":[{"spplrTpin":"1000000000","spplrNm":"SMART SUPPLIER","spplrBhfId":"000","spplrInvcNo":45,"rcptTyCd":"S","pmtTyCd":"01","cfmDt":"2024-05-08 10:20:10","salesDt":"20240502","stockRlsDt":null,"totItemCnt":1,"totTaxblAmt":86.2069,"totTaxAmt":13.7931,"totAmt":100,"remark":null,"itemList":[{"itemSeq":1,"itemCd":"20044","itemClsCd":"50102517","itemNm":"ChickenWings","bcd":null,"pkgUnitCd":"BA","pkg":0,"qtyUnitCd":"BE","qty":1,"prc":100,"splyAmt":100,"dcRt":0,"dcAmt":0,"vatCatCd":"A","iplCatCd":null,"tlCatCd":null,"exciseTxCatCd":null,"vatTaxblAmt":86.21,"exciseTaxblAmt":0,"iplTaxblAmt":0,"tlTaxblAmt":0,"taxblAmt":86.21,"vatAmt":13.79,"iplAmt":0,"tlAmt":0,"exciseTxAmt":0,"totAmt":100}]}]}}

SAVE PURCHASES

- **Endpoints:** /trnsPurchase/savePurchase
- **Request method:** POST.
- **Requirement:** MANDATORY
- **Description:** This endpoint is utilized to approve or reject all purchases made by a business from suppliers.
- **Request Parameters:** Purchase data including supplier information, purchase type code, purchase status code, item information, etc.
- **Response:** Returns the success or failure of the purchase data submission.
- **Dependency:** Upon approval of a purchase, you must call the "Save Stock Items" endpoint to add the approved purchases as stock items. Subsequently, call the “Stock Master” endpoint to update the existing stock quantities for any items that were already present in your inventory reflecting the additional approved purchases. This process ensures that approved purchases are accurately reflected in the overall stock inventory.



Save Purchase Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
TrnsPurchaseSalesReq	Save Purchase Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10	
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3	
		cisInvcNo	Invoice number as generated on the taxpayer's ERP	Cis invoice number	CHAR	Y	50	
		orgInvcNo	The invoice number being referred to.	Original Invoice Number	NUMBER	N	38	
		spplrTpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	Supplier TPIN	VARCHAR	N	10	
		spplrBhfId	Supplier branch (store) location identifier	Supplier Branch ID	VARCHAR	N	2	
		spplrNm	Supplier Trading Name	Supplier Name	VARCHAR	N	60	
		spplrInvcNo	Invoice number as generated on suppliers Certified invoicing solutions	Supplier Invoice Number	NUMBER	N	38	
		regTyCd	Type of registration	Registration Type Code	VARCHAR	Y	5	See '6.11. Registration Type'
		pchsTyCd	Type of purchase	Purchase Type Code	VARCHAR	Y	5	See '6.7. Transaction Type'
		rcptTyCd	Type of receipt	Receipt Type Code	VARCHAR	Y	5	See '6.12. Purchase Receipt Type'
		pmtTyCd	The mode of payment used for this transaction	Payment Type Code	VARCHAR	Y	5	See '1.9. Payment Method'
		pchsSttsCd	Purchase status code	Purchase Status Code	VARCHAR	Y	5	See '6.10. Transaction Progress'
		pchsDt	Date of purchase	Purchase Date	VARCHAR	Y	8	yyyyMMdd
		cnclReqDt	Cancelation request date	Cancel Requested Date	VARCHAR	N	14	yyyyMMddhhmmss
		cnclDt	Cancel date	Canceled Date	VARCHAR	N	14	yyyyMMddhhmmss
		totItemCnt	Total number of items on the invoice	Total Item Count	NUMBER	Y	10	
		totTaxblAmt	Total taxable amount	Total Taxable Amount	NUMBER	Y	18,2	

		totTaxAmt	Total tax amount	Total Tax Amount	NUMBER	Y	18,2	
		totAmt	Total amount	Total tax amount	NUMBER	Y	18,2	
		itemSeq	Item Sequence Number	Item Sequence Number	NUMBER	Y	3	
		itemCd	This is the item identifier on the taxpayer's system	Item Code	VARCHAR	N	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Classification Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	
		bcd	This is the barcode assigned to the item	Barcode	VARCHAR	N	20	
		spplrItemClsCd	This is the supplier UNSCP code assigned to the item	Supplier Item Classification Code	VARCHAR	N	10	
		spplrItemCd	This is the supplier item code as defined on your system	Supplier Item Code	VARCHAR	N	20	
		spplrItemNm	This is the supplier item name as defined on your system	Supplier Item Name	VARCHAR	N	200	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Packaging Unit Code	VARCHAR	N	5	See '6.4. Packaging Unit'
		pkg	This is the number of package items being sold.	Package	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit code assigned to the item as per standard codes	Quantity Unit Code	VARCHAR	Y	5	See '6.5. Unit of measures
		qty	This is the quantity of items being sold	Quantity	NUMBER	Y	13,2	
		prc	This is the tax inclusive price of the item	Unit Price	NUMBER	Y	18,2	
		splyAmt	This is the total amount of the supplied item (qty * prc)	Supply Price	NUMBER	Y	18,2	
		dcRt	This is the discount rate on the line item (Pass 0.0 if not applicable)	Discount Rate	NUMBER	Y	5,2	
		dcAmt	This is the discount amount on the line item (Pass 0.0 if not applicable)	Discount Amount	NUMBER	Y	18,2	

		iplCatCd	This represents the tax category code for IPL purposes on the line item	IPL Category Code	VARCHAR	Y	5	
		tlCatCd	This represents the tax category code for TL purposes on the line item	TL Category Code	VARCHAR	Y	5	
		exciseCatCd	This represents the tax category code for EXCISE purposes on line item	Excise Category Code	VARCHAR	Y	5	
		taxblAmt	This is the **Tax Exclusive Amount** for VAT at line item level (Pass 0.0 when not applicable)	VAT Taxable Amount	NUMBER	Y	18,2	
		vatCatCd	This represents the tax category code for VAT purposes on line item	VAT Category Code	VARCHAR	Y	5	
		iplTaxblAmt	This is the **Tax Exclusive Amount** for IPL at line item level (Pass 0.0 when not applicable)	IPL Taxable Amount	NUMBER	Y	18,2	
		tlTaxblAmt	This is the **Tax Exclusive Amount** for TL at line item level (Pass 0.0 when not applicable)	TL Taxable Amount	NUMBER	Y	18,2	
		exciseTaxblAmt	This is the **Tax Exclusive Amount** for EXCISE at line item level (Pass 0.0 when not applicable)	EXCISE Taxable Amount	NUMBER	Y	18,2	
		taxAmt	This is the VAT amount charged on the line item	VAT Tax Amount	NUMBER	Y	18,2	
		iplAmt	This is the IPL amount charged on the line item	IPL Tax Amount	NUMBER	Y	18,2	
		tlAmt	This is the TL amount charged on the line item	TL Tax Amount	NUMBER	Y	18,2	
		exciseTxAmt	This is the EXCISE amount charged on the line item	EXCISE Tax Amount	NUMBER	Y	18,2	
		totAmt	This is the **total Tax Inclusive Amount** of the line item	Total Amount	NUMBER	Y	18,2	

JSON REQUEST SAMPLE

{"tpin":"1000000000","bhfId":"000"," cisInvcNo":"cis134","orgInvcNo": 0,"spplrTpin":"9999999990","spplrBhfId":"000","spplrNm":"Supplier Name 1","spplrInvcNo":"INV0001","regTyCd":"M","pchsTyCd":"N","rcptTyCd":"P","pmtTyCd":"01","pchsSttsCd":"02","cfmDt":"20240509210300","pchsDt":"20240509","cnclReqDt":"","cnclDt":"","totItemCnt":1,"totTaxblAmt":86.2069,"totTaxAmt":13.7931,"totAmt":100,"remark":"remarks","regrNm":"ADMIN","regrId":"ADMIN","modrNm":"ADMIN","modrId":"ADMIN","itemList":[{"itemSeq":1,"itemCd":"ZM2BGKG0000001","itemClsCd":"50102517","itemNm":"Item Name

1","bcd":null,"pkgUnitCd":"BG","pkg":0,"qtyUnitCd":"KG","qty":1,"prc":100,"splyAmt":100,"dcRt":0,"dcAmt":0,"taxTyCd":"A","iplCatCd":null,"tlCatCd":null,"exciseCatCd":null,"taxblAmt":86.21,"vatCatCd":"A","iplTaxblAmt":null,"tlTaxblAmt":null,"exciseTaxblAmt":null,"taxAmt":13.79,"iplAmt":null,"tlAmt":null,"exciseTxAmt":null,"totAmt":100}]}

Save Purchase Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
TrnsPurchaseSaveRes	Save Purchase Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the VSDC response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

5.13. Stock Information

The Stock API allows businesses to manage and maintain accurate inventory levels within the Smart Invoice system. It provides endpoints to perform various stock-related operations, ensuring seamless integration and synchronization of stock data between third-party systems and Smart Invoice.

Through this API, businesses can retrieve comprehensive stock information, including item details, quantities, and associated metadata. Developers can leverage the Stock API to retrieve stock levels, update stock quantities, and manage stock movements across multiple branches or locations.

GET STOCK ITEMS

- **Endpoint:** /stock/selectStockItems
- **Request method:** POST.
- **Requirement:** OPTIONAL
- **Description:** Retrieves stock information for all items, including quantities, item details, branch-level stock, etc.
- **Request Parameters:** TPIN, Branch Id, Last Request Date.
- **Response:** Returns a list of stock items recorded on Smart Invoice.

Select Stock Items Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length
StockMoveReq	Select Stock Items Request	tpin	Taxpayer's identification number as registered on core Tax Administration System TaxOnline	TPIN	VARCHAR	Y	10
		bhfId	Taxpayer branch (store) location identifier	Branch ID	VARCHAR	Y	3
		lastReqDt	This is the date depicting the last time an endpoint was called. By default, this defaults to 20160523000000	Last Request Date	VARCHAR	Y	14
JSON REQUEST SAMPLE							
Request Body	{"tpin": "1000000000","bhfId": "000","lastReqDt":"20231215000000"}						

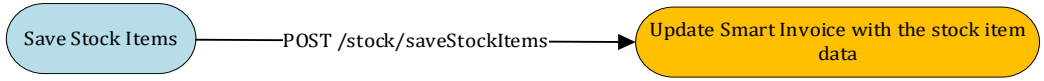
Select Stock Items Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length	Format
ImptItemSaveRes	Update Item Response	resultCd	This is the VSDC response code	Recult code	VARCHAR	10	
		resultMsg	This is the response message	Result message	VARCHAR	200	
		resultDt	This is the VSDC response date	Result date	VARCHAR	14	
		custTpin	This is the taxpayer TPIN	Taxpayer TPIN	VARCHAR	10	
		custBhfId	This is the taxpayer branch	Taxpayer branch id	VARCHAR	3	
		sarNo	Stock Accounting Record Number, for the stock transaction or record.	Stored and released Number	NUMBER	38	
		ocrnDt	This is the occurrence date	Occurrence date	VARCHAR	14	
		totItemCnt	The total number of items included in the stock transaction or record.	Total Item Count	NUMBER	10	
		totTaxbltAmt	This is the total taxable amount	Taxable amount	VARCHAR	(18,4)	
		totTaxAmt	This is the total tax amount	Total tax amount	VARCHAR	(18,4)	
		totAmt	This is the total amount	Total amount	NUMBER	(18,2)	
		remark	This is the comment on the item	Remark	VARCHAR	20	
		itemSeq	This is the item sequence	Item sequence	NUMBER	10	

		itemCd	This is the item code	Item code	VARCHAR	100	
		itemClsCd	This is the item classification code	Item classisifcation code	VARCHAR	10	
		itemNm	This is the item name	Item name	VARCHAR	100	
		pkgUnitCd	This is the packaging unit code	Package unit code	VARCHAR	5	
		qty	This is the quantity	Quantity	NUMBER	(18,2)	
		prc	This is the price	Price	NUMBER	(18,2)	
		splyAmt	This is the supply amount	Supply amount	NUMBER	(18,2)	
		taxblAmt	This is the taxable amount	Taxable amount	NUMBER	(18,4)	
		vatCatCd	This is the VAT category code	Vat category code	VARCHAR	5	
		vatAmt	This is the VAT amount	Vat amount	NUMBER	(18,4)	
		totAmt	This is the total amount	Total amount	NUMBER	(18,2)	
JSON REQUEST SAMPLE							
{"tpin": "1000000000","bhfId": "000","taskCd": "4561614","dclDe": "20240426","importItemList": [{"itemSeq": 2,"hsCd": "72149900000","itemClsCd": "5022110801","itemCd": "RW1NTXU0000006","imptItemSttsCd": "3","remark": "remark","modrNm": "Admin","modrId": "Admin"}, {"itemSeq": 3,"hsCd": "04051000000","itemClsCd": "5022110802","itemCd": "RW1NTXU0000007","imptItemSttsCd": "4","remark": "another remark","modrNm": "Admin2","modrId": "Admin2"}]}							

SAVE STOCK ITEM

- **Endpoint:** /stock/saveStockItems
- **Request method:** POST.
- **Requirement:** MANDATORY (EXCEPT SERVICE INDUSTRY)
- **Description:** This endpoint is used to add stock items that have been recorded from approved purchases, imports, sales, and different types of stock movement adjustments, such as interbranch transfers, to Smart Invoice.
- **Request Parameters:** Stock Item data including item details such as quantities, adjustment reasons, total stock amount, etc.
- **Response:** Returns the success or failure of the save stock item operation.
- **Dependency:** subsequent call to saveStockMaster should be made after this endpoint is called.



Save Stock Items Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
StockIOSaveRes	Save Stock In/Out Req	tpin	Taxpayer Identification Number, identifying the taxpayer or entity associated with the stock.	TPIN	VARCHAR	Y	10	
		bhfId	This is the branch (store) location identifier. Supplied by ZRA	Branch ID	VARCHAR	Y	3	
		sarNo	Stock Accounting Record Number, for the stock transaction or record.	Stored and released Number	NUMBER	Y	38	
		orgSarNo	Original Stock Accounting Record Number, indicating changes or updates to the stock record.	Original Stored and released Number	NUMBER	Y	38	
		regTyCd	Registration Type Code, specifying the type of registration related to the stock.	Registration Type Code	VARCHAR	Y	5	
		custTpin	The taxpayer associated with the transaction	Customer TPIN	VARCHAR	N	10	
		custNm	The taxpayer sname of the recipient of the stock.	Customer Name	VARCHAR	N	100	
		custBhfId	The branch (store) identifier of the location	Customer BHF ID	VARCHAR	N	2	
		sarTyCd	Stock Accounting Record Type Code, specifying the type or category of the stock record.	Stored and released Type Code	VARCHAR	Y	5	See ‘6.14. Stock In/Out Type’
		ocrnDt	The date when the stock transaction or record occurred.	Occurred Date time	VARCHAR	Y	8	
		totItemCnt	The total number of items included in the	Total Item Count	NUMBER	Y	10	

			stock transaction or record.					
		totTaxblAmt	The total amount of the stock transaction or record subject to taxation.	Total Supply Price	NUMBER	Y	18,4	
		totTaxAmt	The total amount of tax associated with the stock transaction or record.	Total VAT	NUMBER	Y	18,4	
		totAmt	The overall total amount of the stock transaction or record, including taxes and charges.	Total Amount	NUMBER	Y	18,4	
		remark	Remarks or notes associated with the stock transaction or record.	Remark	VARCHAR	N	400	
		regrId	The identifier of the individual who registered or recorded the stock transaction.	Registrant Name	VARCHAR	Y	60	
		regrNm	The name of the individual who registered or recorded the stock transaction.	Registrant ID	VARCHAR	Y	20	
		modrNm	The name of the individual who modified or updated the stock transaction.	Modifier Name	VARCHAR	Y	60	
		modrId	The identifier of the individual who modified or updated the stock transaction.	Modifier ID	VARCHAR	Y	20	
		itemSeq	Item Sequence Number	Item Sequence	NUMBER	Y	3	
		itemCd	This is the item code as defined on your system	Item Code	VARCHAR	N	100	
		itemClsCd	This is the UNSCP code assigned to the item	Item Class Code	VARCHAR	Y	10	
		itemNm	This is the item name as defined on your system	Item Name	VARCHAR	Y	200	

		bcd	This is the Barcode assigned to line item	Barcode	VARCHAR	N	20	
		pkgUnitCd	This is the packaging unit code assigned to the item as per standard codes.	Package unit code	VARCHAR	Y	5	See ‘6.4. Packaging Unit Code’
		pkg	This is the number of package items being sold.	Package Quantity	NUMBER	Y	13,2	
		qtyUnitCd	This is the assigned single item unit of measure code assigned to the item as per standard codes	Unit Quantity Code	VARCHAR	Y	5	See ‘6.5. Unit of Measure
		qty	This is the quantity of the line items	Unit Quantity				
		itemExprDt	This is the expiry date of the item	Item Expired Date	NUMBER	Y	13,2	yyyyMMdd
		prc	This is the unit price of the item	Unit Price	VARCHAR	N	8	
		splyAmt	This is the total amount of the items or services provided by the seller to the buyer (qty * prc)	Supply Amount	NUMBER	Y	15,2	
		totDcAmt	This is the total discount amount applied on an invoice	Discount Amount	NUMBER	Y	18,4	
		iplCatCd	This represents the tax category for IPL purposes e.g. “IPL1”	IPL Category Code	VARCHAR	Y	5	
		tlCatCd	This represents the tax category for TL purposes e.g.”TL”	TL Category Code	VARCHAR	Y	5	
		exciseTxCatC	This represents the tax category for Excise purposes e.g. “ECM” or “EXEEG”	Excise Category Code	VARCHAR	Y	5	
		taxblAmt	This is the Total tax exclusive amount for the line item	Taxable Amount	NUMBER	Y	18,4	
		vatCatCd	This represents the tax category code for VAT purposes.	VAT Category Code	VARCHAR	Y	5	
		taxAmt	This is the tax amount of the item	Tax Amount	NUMBER	Y	18,4	

		iplAmt	This is the IPL tax amount	IPL Amount	NUMBER	Y	18,4	
		tlAmt	This is the TL tax amount	TL Amount	NUMBER	Y	18,4	
		exciseTxAmt	This is the excise tax amount	Excise Amount	NUMBER	Y	18,4	
		totAmt	This is the total amount	Total Amount	NUMBER	Y	18,4	

JSON REQUEST SAMPLE

{ "tpin": "1000000000", "bhfId": "000", "sarNo": 1, "orgSarNo": 0, "regTyCd": "M", "custTpin": null, "custNm": null, "custBhfId": null, "sarTyCd": "02", "ocrnDt": "20240509",
"totItemCnt": 1, "totTaxblAmt": 86.2069, "totTaxAmt": 13.7931, "totAmt": 100, "remark": null, "regrId": "Admin", "regrNm": "Admin", "modrNm": "Admin", "modrId": "Admin",
"itemList": [{"itemSeq": 1, "itemCd": "20044", "itemClsCd": "50102517", "itemNm": "Soupu dedede", "pkgUnitCd": "BA", "qtyUnitCd": "BE", "qty": 1, "prc": 100, "splyAmt": 100, "taxblAmt": 86.21,
"vatCatCd": "A", "taxAmt": 13.79, "totAmt": 100}]}

Save Stock Items Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
StockIOSaveRes	Save Stock In/Out Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14

JSON RESPONSE SAMPLE

{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}

SAVE STOCK MASTER

- **Endpoint:** /stockMaster/saveStockMaster
- **Requirement:** MANDATORY
- **Description:** This endpoint is used to update stock quantities for items that have been recorded from approved purchases, imports, sales, and different types of stock movement adjustments.
- **Request Parameters:** Stock Item data including branch code, item code, remaining stock quantity after adjustment, etc.
- **Response:** Returns the success or failure of the stock adjustment operation.

Save Stock Master Request

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Required	Data Length	Format
StockMstSaveReq	Save Stock Master Request	tpin	This is the taxpayer's identification number	TPIN	VARCHAR	Y	10	
		bhfId	This is the branch/store identifier. It is supplied by ZRA at registration of device	Branch ID	VARCHAR	Y	3	
		regrNm	This is the username of the system user saving to stock master	Registrant Name	VARCHAR	Y	60	
		regrId	This is the user ID of the system user saving to stock master	Registrant ID	VARCHAR	Y	20	
		modrNm	This is the username of the system user modifying stock master	Modifier Name	VARCHAR	Y	60	
		modrId	This is the user ID of the system user modifying stock master	Modifier ID	VARCHAR	Y	20	
		itemCd	This is the item code of the stock item being saved/modified	Item Code	VARCHAR	Y	100	
		rsdQty	This is the remaining quantity of the stock item being saved/modified	Remain Quantity	NUMBER	Y	13,4	
JSON REQUEST SAMPLE								
{"tpin":"1000000000","bhfId":"000","regrId":"Admin","regrNm":"Admin","modrNm":"Admin","modrId":"Admin","stockItemList":[{"itemCd":"P10007","rsdQty":34},{"itemCd":"P10005","rsdQty":34},{"itemCd":"P10006","rsdQty":34}]}								

Save Stock Master Response

Object ID	Object Name	Attribute ID	Attribute Description	Attribute Name	Data Type	Data Length
StockMstSaveRes	Save Stock Master Response	resultCd	This is the VSDC response code	Result Code	VARCHAR	3
		resultMsg	This is the response message	Result Message	VARCHAR	200
		resultDt	This is the response date	Result Date	VARCHAR	14
JSON RESPONSE SAMPLE						
	{"resultCd":"000","resultMsg":"It is succeeded","resultDt":"20231120193115","data": null}					

6. Code Definition

6.1. Tax Type

	Code Classification Name			
	Tax Type			
	Code	**Code Name**	**Code Description**	**remark**
VAT	A	Standard Rated 16%	Category applies to products and services which attract VAT at 16% by nature	
	B	Minimum Taxable Value (MTV)	16% is charged on the Retail Price recommended by manufacturer of MTV goods.	
	C1	Exports 0%	Applies to exports	
	C2	Zero-rating Local Purchases Order transactions 0%	Applies to transactions involving customers or projects granted exemption from paying taxes	
	C3	Zero-rated by nature 0%	Category applies to products and services which do not attract VAT at 16% by nature.	
	D	Exempt No tax charge	The category applies to specific class of products and services exempted from VAT	
	E	Disbursement	Applies to expenses incurred by suppliers on behalf of customers while supplying a product or service.	
	RVAT	Reverse VAT	Applies to transactions involving imported services. (For both Appointed Tax Agent and Self-invoicing).	
Insurance Premium Levy	IPL1	Insurance Premium Levy	Applies to the hospitality industry and computed on a total net transaction amount. Applies to all classes of insurance except re-insurance.	
	IPL2	Re-Insurance	Applies only to re-insurance.	
Tourism levy	TL	Tourism Levy	Applies to accommodation and conference facilities.	
	F	Service Charge 10%	Applies to services rendered	
Excise	ECM	Excise on Coal	The tax rate is charged per ton	
	EXEEG	Excise Electricity	The tax rate is charged per 100kwh	
Turnover Tax	TOT	No tax charge	Direct tax – tax amount does not reflect on an invoice. For purposes of accounting for turnover relating to taxpayers not registered for VAT.	

6.2. Product Type

Code Classification Name			
Product Type			
Code	**Code Name**	**Code Description**	**remark**
1	Raw Material	Raw Material	
2	Finished Product	Finished Product	
3	Service	Service without stock	

6.3. Countries code

Code Classification			Code Classification Name	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
AC	1	ASCENSION ISLAND	ASCENSION ISLAND	
AD	2	ANDOZRA	ANDOZRA	
AE	3	UNITED ARAB EMIRATES	UNITED ARAB EMIRATES	
AG	4	ANTIGUA AND BARBUDA	ANTIGUA AND BARBUDA	
AI	5	ANGUILLA	ANGUILLA	
AL	6	ALBANIA	ALBANIA	
AM	7	ARMENIA	ARMENIA	
AN	8	NETHERLANDS ANTILLES	NETHERLANDS ANTILLES	
AO	9	ANGOLA	ANGOLA	
AQ	10	ANTARCTICA	ANTARCTICA	
AR	11	ARGENTINA	ARGENTINA	
AS	12	AMERICAN SAMOA	AMERICAN SAMOA	

Code Classification			Code Classification Name	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
AT	13	AUSTRIA	AUSTRIA	
AU	14	AUSTRALIA	AUSTRALIA	
AW	15	ARUBA	ARUBA	
AX	16	ALAND ISLANDS	ALAND ISLANDS	
AZ	17	AZERBAIJAN	AZERBAIJAN	
BA	18	BOSNIA AND HERZEGOVINA	BOSNIA AND HERZEGOVINA	
BB	19	BARBADOS	BARBADOS	
BD	20	BANGLADESH	BANGLADESH	
BE	21	BELGIUM	BELGIUM	
BF	22	BURKINA FASO	BURKINA FASO	
BG	23	BULGARIA	BULGARIA	
BH	24	BAHRAIN	BAHRAIN	
BI	25	BURUNDI	BURUNDI	
BJ	26	BENIN	BENIN	
BM	27	BERMUDA	BERMUDA	
BN	28	BRUNEI DARUSSALAM	BRUNEI DARUSSALAM	
BO	29	BOLIVIA	BOLIVIA	
BR	30	BRAZIL	BRAZIL	
BS	31	BAHAMAS	BAHAMAS	
BT	32	BHUTAN	BHUTAN	
BV	33	BOUVET ISLAND	BOUVET ISLAND	
BW	34	BOTSWANA	BOTSWANA	
BY	35	BELARUS	BELARUS	
BZ	36	BELIZE	BELIZE	
CA	37	CANADA	CANADA	
CC	38	COCOS (KEELING) ISLANDS	COCOS (KEELING) ISLANDS	
CD	39	CONGO, DEMOCRATIC REPUBLIC	CONGO, DEMOCRATIC REPUBLIC	
CF	40	CENTRAL AFRICAN REPUBLIC	CENTRAL AFRICAN REPUBLIC	
CG	41	CONGO	CONGO	
CH	42	SWITZERLAND	SWITZERLAND	
CI	43	COTE D'IVOIRE (IVORY COAST)	COTE D'IVOIRE (IVORY COAST)	
CK	44	COOK ISLANDS	COOK ISLANDS	
CL	45	CHILE	CHILE	
CM	46	CAMEROON	CAMEROON	
CN	47	CHINA	CHINA	
CO	48	COLOMBIA	COLOMBIA	
CR	49	COSTA RICA	COSTA RICA	
CS	50	CZECHOSLOVAKIA (FORMER)	CZECHOSLOVAKIA (FORMER)	
CU	51	CUBA	CUBA	

CV	52	CAPE VERDE	CAPE VERDE	
CX	53	CHRISTMAS ISLAND	CHRISTMAS ISLAND	
CY	54	CYPRUS	CYPRUS	
CZ	55	CZECH REPUBLIC	CZECH REPUBLIC	

Code Classification			**Code Classification Name**	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
DE	56	GERMANY	GERMANY	
DJ	57	DJIBOUTI	DJIBOUTI	
DK	58	DENMARK	DENMARK	
DM	59	DOMINICA	DOMINICA	
DO	60	DOMINICAN REPUBLIC	DOMINICAN REPUBLIC	
DZ	61	ALGERIA	ALGERIA	
EC	62	ECUADOR	ECUADOR	
EE	63	ESTONIA	ESTONIA	
EG	64	EGYPT	EGYPT	
EH	65	WESTERN SAHARA	WESTERN SAHARA	
ER	66	ERITREA	ERITREA	
ES	67	SPAIN	SPAIN	
ET	68	ETHIOPIA	ETHIOPIA	
EU	69	EUROPEAN UNION	EUROPEAN UNION	
FI	70	FINLAND	FINLAND	
FJ	71	FIJI	FIJI	
FK	72	FALKLAND ISLANDS (MALVINAS)	FALKLAND ISLANDS (MALVINAS)	
FM	73	MICRONESIA	MICRONESIA	
FO	74	FAROE ISLANDS	FAROE ISLANDS	
FR	75	FRANCE	FRANCE	
FX	76	FRANCE, METROPOLITAN	FRANCE, METROPOLITAN	
GA	77	GABON	GABON	
GB	78	GREAT BRITAIN (UK)	GREAT BRITAIN (UK)	
GD	79	GRENADA	GRENADA	
GE	80	GEORGIA	GEORGIA	
GF	81	FRENCH GUIANA	FRENCH GUIANA	
GG	82	GUERNSEY	GUERNSEY	
GH	83	GHANA	GHANA	
GI	84	GIBRALTAR	GIBRALTAR	
GL	85	GREENLAND	GREENLAND	
GM	86	GAMBIA	GAMBIA	
GN	87	GUINEA	GUINEA	
GP	88	GUADELOUPE	GUADELOUPE	
GQ	89	EQUATORIAL GUINEA	EQUATORIAL GUINEA	
GR	90	GREECE	GREECE	
GS	91	S. GEORGIA AND S. SANDWICH ISLS.	S. GEORGIA AND S. SANDWICH ISLS.	
GT	92	GUATEMALA	GUATEMALA	

GU	93	GUAM	GUAM	
GW	94	GUINEA BISSAU	GUINEA BISSAU	
GY	95	GUYANA	GUYANA	
HK	96	HONG KONG	HONG KONG	
HM	97	HEARD AND MCDONALD ISLANDS	HEARD AND MCDONALD ISLANDS	
HN	98	HONDURAS	HONDURAS	
HR	99	CROATIA (HRVATSKA)	CROATIA (HRVATSKA)	

Code Classification			**Code Classification Name**	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
HT	100	HAITI	HAITI	
HU	101	HUNGARY	HUNGARY	
ID	102	INDONESIA	INDONESIA	
IE	103	IRELAND	IRELAND	
IL	104	ISRAEL	ISRAEL	
IM	105	ISLE OF MAN	ISLE OF MAN	
IN	106	INDIA	INDIA	
IO	107	BRITISH INDIAN OCEAN TERRITORY	BRITISH INDIAN OCEAN TERRITORY	
IQ	108	IRAQ	IRAQ	
IR	109	IRAN	IRAN	
IS	110	ICELAND	ICELAND	
IT	111	ITALY	ITALY	
JE	112	JERSEY	JERSEY	
JM	113	JAMAICA	JAMAICA	
JO	114	JORDAN	JORDAN	
JP	115	JAPAN	JAPAN	
KE	116	KENYA	KENYA	
KG	117	KYRGYZSTAN	KYRGYZSTAN	
KH	118	CAMBODIA	CAMBODIA	
KI	119	KIRIBATI	KIRIBATI	
KM	120	COMOROS	COMOROS	
KN	121	SAINT KITTS AND NEVIS	SAINT KITTS AND NEVIS	
KP	122	NORTH KOREA	NORTH KOREA	
KR	123	SOUTH KOREA	SOUTH KOREA	
KW	124	KUWAIT	KUWAIT	
KY	125	CAYMAN ISLANDS	CAYMAN ISLANDS	
KZ	126	KAZAKHSTAN	KAZAKHSTAN	
LA	127	LAOS	LAOS	
LB	128	LEBANON	LEBANON	
LC	129	SAINT LUCIA	SAINT LUCIA	
LI	130	LIECHTENSTEIN	LIECHTENSTEIN	
LK	131	SRI LANKA	SRI LANKA	
LR	132	LIBERIA	LIBERIA	
LS	133	LESOTHO	LESOTHO	

LT	134	LITHUANIA	LITHUANIA	
LU	135	LUXEMBOURG	LUXEMBOURG	
LV	136	LATVIA	LATVIA	
LY	137	LIBYA	LIBYA	
MA	138	MOROCCO	MOROCCO	
MC	139	MONACO	MONACO	
MD	140	MOLDOVA	MOLDOVA	
ME	141	MONTENEGRO	MONTENEGRO	
MG	142	MADAGASCAR	MADAGASCAR	
MH	143	MARSHALL ISLANDS	MARSHALL ISLANDS	
MK	144	F.Y.R.O.M. (MACEDONIA)	F.Y.R.O.M. (MACEDONIA)	

Code Classification			**Code Classification Name**	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
ML	145	MALI	MALI	
MM	146	MYANMAR	MYANMAR	
MN	147	MONGOLIA	MONGOLIA	
MO	148	MACAU	MACAU	
MP	149	NORTHERN MARIANA ISLANDS	NORTHERN MARIANA ISLANDS	
MQ	150	MARTINIQUE	MARTINIQUE	
MR	151	MAURITANIA	MAURITANIA	
MS	152	MONTSEZRAT	MONTSEZRAT	
MT	153	MALTA	MALTA	
MU	154	MAURITIUS	MAURITIUS	
MV	155	MALDIVES	MALDIVES	
MW	156	MALAWI	MALAWI	
MX	157	MEXICO	MEXICO	
MY	158	MALAYSIA	MALAYSIA	
MZ	159	MOZAMBIQUE	MOZAMBIQUE	
NA	160	NAMIBIA	NAMIBIA	
NC	161	NEW CALEDONIA	NEW CALEDONIA	
NE	162	NIGER	NIGER	
NF	163	NORFOLK ISLAND	NORFOLK ISLAND	
NG	164	NIGERIA	NIGERIA	
NI	165	NICARAGUA	NICARAGUA	
NL	166	NETHERLANDS	NETHERLANDS	
NO	167	NORWAY	NORWAY	
NP	168	NEPAL	NEPAL	
NR	169	NAURU	NAURU	
NT	170	NEUTRAL ZONE	NEUTRAL ZONE	
NU	171	NIUE	NIUE	
NZ	172	NEW ZEALAND (AOTEAROA)	NEW ZEALAND (AOTEAROA)	
OM	173	OMAN	OMAN	
PA	174	PANAMA	PANAMA	

PE	175	PERU	PERU	
PF	176	FRENCH POLYNESIA	FRENCH POLYNESIA	
PG	177	PAPUA NEW GUINEA	PAPUA NEW GUINEA	
PH	178	PHILIPPINES	PHILIPPINES	
PK	179	PAKISTAN	PAKISTAN	
PL	180	POLAND	POLAND	
PM	181	ST. PIERRE AND MIQUELON	ST. PIERRE AND MIQUELON	
PN	182	PITCAIRN	PITCAIRN	
PR	183	PUERTO RICO	PUERTO RICO	
PS	184	PALESTINIAN TERRITORY, OCCUPIED	PALESTINIAN TERRITORY, OCCUPIED	
PT	185	PORTUGAL	PORTUGAL	
PW	186	PALAU	PALAU	
PY	187	PARAGUAY	PARAGUAY	
QA	188	QATAR	QATAR	

Code Classification			**Code Classification Name**	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
RE	189	REUNION	REUNION	
RO	190	ROMANIA	ROMANIA	
RS	191	SERBIA	SERBIA	
RU	192	RUSSIAN FEDERATION	RUSSIAN FEDERATION	
RW	193	RWANDA	RWANDA	
SA	194	SAUDI ARABIA	SAUDI ARABIA	
SB	195	SOLOMON ISLANDS	SOLOMON ISLANDS	
SC	196	SEYCHELLES	SEYCHELLES	
SD	197	SUDAN	SUDAN	
SE	198	SWEDEN	SWEDEN	
SG	199	SINGAPORE	SINGAPORE	
SH	200	ST. HELENA	ST. HELENA	
SI	201	SLOVENIA	SLOVENIA	
SJ	202	SVALBARD & JAN MAYEN ISLANDS	SVALBARD & JAN MAYEN ISLANDS	
SK	203	SLOVAK REPUBLIC	SLOVAK REPUBLIC	
SL	204	SIEZRA LEONE	SIEZRA LEONE	
SM	205	SAN MARINO	SAN MARINO	
SN	206	SENEGAL	SENEGAL	
SO	207	SOMALIA	SOMALIA	
SR	208	SURINAME	SURINAME	
ST	209	SAO TOME AND PRINCIPE	SAO TOME AND PRINCIPE	
SU	210	USSR (FORMER)	USSR (FORMER)	
SV	211	EL SALVADOR	EL SALVADOR	
SY	212	SYRIA	SYRIA	
SZ	213	SWAZILAND	SWAZILAND	
TC	214	TURKS AND CAICOS ISLANDS	TURKS AND CAICOS ISLANDS	

TD	215	CHAD	CHAD	
TF	216	FRENCH SOUTHERN TERRITORIES	FRENCH SOUTHERN TERRITORIES	
TG	217	TOGO	TOGO	
TH	218	THAILAND	THAILAND	
TJ	219	TAJIKISTAN	TAJIKISTAN	
TK	220	TOKELAU	TOKELAU	
TM	221	TURKMENISTAN	TURKMENISTAN	
TN	222	TUNISIA	TUNISIA	
TO	223	TONGA	TONGA	
TP	224	EAST TIMOR	EAST TIMOR	
TR	225	TURKEY	TURKEY	
TT	226	TRINIDAD AND TOBAGO	TRINIDAD AND TOBAGO	
TV	227	TUVALU	TUVALU	
TW	228	TAIWAN	TAIWAN	
TZ	229	TANZANIA	TANZANIA	
UA	230	UKRAINE	UKRAINE	
UG	231	UGANDA	UGANDA	
UK	232	UNITED KINGDOM	UNITED KINGDOM	

Code Classification			**Code Classification Name**	
05			Nation	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
UM	233	US MINOR OUTLYING ISLANDS	US MINOR OUTLYING ISLANDS	
US	234	UNITED STATES	UNITED STATES	
UY	235	URUGUAY	URUGUAY	
UZ	236	UZBEKISTAN	UZBEKISTAN	
VA	237	VATICAN CITY STATE (HOLY SEE)	VATICAN CITY STATE (HOLY SEE)	
VC	238	SAINT VINCENT & THE GRENADINES	SAINT VINCENT & THE GRENADINES	
VE	239	VENEZUELA	VENEZUELA	
VG	240	BRITISH VIRGIN ISLANDS	BRITISH VIRGIN ISLANDS	
VI	241	VIRGIN ISLANDS (U.S.)	VIRGIN ISLANDS (U.S.)	
VN	242	VIET NAM	VIET NAM	
VU	243	VANUATU	VANUATU	
WF	244	WALLIS AND FUTUNA ISLANDS	WALLIS AND FUTUNA ISLANDS	
WS	245	SAMOA	SAMOA	
YE	246	YEMEN	YEMEN	
YT	247	MAYOTTE	MAYOTTE	
YU	248	SERBIA AND MONTENEGRO (FORMER)	SERBIA AND MONTENEGRO (FORMER)	
ZA	249	SOUTH AFRICA	SOUTH AFRICA	
ZM	250	ZAMBIA	ZAMBIA	
ZR	251	(ZAIRE) SEE CD CONGO, DEMOCRATIC REPUBLIC	(ZAIRE) SEE CD CONGO, DEMOCRATIC REPUBLIC	
ZW	252	ZIMBABWE	ZIMBABWE	

6.4. Packaging Unit

For an exhaustive lists of packaging units refer to class code **17** of /code/selectCodes

Code Classification Name			
Packaging Unit			
Code	**Code Name**	**Code Description**	**remark**
AM	Ampoule	Ampoule	
BA	Barrel	Barrel	
BC	Bottle crate	Bottle crate	
BE	Bundle	Bundle	
BF	Balloon, non-protected	Balloon, non-protected	
BG	Bag	Bag	
BJ	Bucket	Bucket	
BK	Basket	Basket	
BL	Bale	Bale	
BQ	Bottle, protected cylindrical	Bottle, protected cylindrical	
BR	Bar	Bar	
BV	Bottle, bulbous	Bottle, bulbous	
BZ	Bag	Bag	
CA	Can	Can	
CH	Chest	Chest	

Code Classification Name			
Packaging Unit			
Code	**Code Name**	**Code Description**	**remark**
CJ	Coffin	Coffin	
CL	Coil	Coil	
CR	Wooden Box, Wooden Case	Wooden Box, Wooden Case	
CS	Cassette	Cassette	
CT	Carton	Carton	
CTN	Container	Container	
CY	Cylinder	Cylinder	
DR	Drum	Drum	
GT	Extra Countable Item	Extra Countable Item	
HH	Hand Baggage	Hand Baggage	
IZ	Ingots	Ingots	
JR	Jar	Jar	

JU	Jug	Jug	
JY	Jerry CAN Cylindrical	Jerry CAN Cylindrical	
KZ	Canester	Canester	
LZ	Logs, in bundle/bunch/truss	Logs, in bundle/bunch/truss	
NT	Net	Net	
OU	Non-Exterior Packaging Unit	Non-Exterior Packaging Unit	
PD	Poddon	Poddon	
PG	Plate	Plate	
PI	Pipe	Pipe	
PO	Pilot	Pilot	
PU	Traypack	Traypack	
RL	Reel	Reel	
RO	Roll	Roll	
RZ	Rods, in bundle/bunch/truss	Rods, in bundle/bunch/truss	
SK	Skeletoncase	Skeletoncase	
TY	Tank, cylindrical	Tank, cylindrical	
VG	Bulk,gas(at 1031 mbar 15 oC)	Bulk,gas(at 1031 mbar 15 oC)	
VL	Bulk,liquid(at normal temperature/pressure)	Bulk,liquid(at normal temperature/pressure)	
VO	Bulk, solid, large particles(nodules)	Bulk, solid, large particles("nodules")	
VQ	Bulk, gas (liquefied at abnormal temperature/pressure)	Bulk, gas(liquefied at abnormal temperature/pressure)	
VR	Bulk, solid, granular particles(grains)	Bulk, solid, granular particles("grains")	
VT	Extra Bulk Item	Extra Bulk Item	
VY	Bulk, fine particles(powder)	Bulk, fine particles("powder")	
ML	Mills	cigarette Mills	
TN	TAN	1TAN REFER TO 20BAGS	

Code Classification Name			
Packaging Unit			
Code	**Code Name**	**Code Description**	**remark**
B/L	Black Lug	Refers to a lug or container that is black in color.	
BIN	Bin	A container for storing or transporting goods	
BOTT	Bottle	A container typically used for liquids	
BOUQ	Bouquet	A collection of flowers or other items bundled together	
BOWL	Bowl	A round or oval container used for holding food or other items.	
BOX	Box	A rectangular container typically used for packaging and storage.	
BUBG	Budget Bag	A bag designed for economical or budget-conscious purposes.	
BULK	Bulk Pack	Packaging designed for large quantities of items.	
BUNC	Bunch	A grouping or collection of items, often tied together.	
BUND	Bundle	A group of items bound or packaged together.	
CLEA	Clear Lid	A lid or covering that is transparent or see-through.	
EA	Each	Indicates individual units or items.	
EACH	Each	Similar to "EA," denotes individual units or items.	
ECON	Economy Bag	A bag designed for cost-effective or budget-friendly use.	

ECPO	Econo Poc Sell	Refers to an economical or budget-friendly pocket for selling items.	
G/L	Green Lugs	Lugs or containers that are green in color.	
KARR	Karripoc	Specific packaging or container type.	
LABE	Labels	Refers to adhesive labels used for marking or identifying items.	
MESH	Mesh	Packaging material made of interconnected strands or fibers.	
NETL	Netlon	Refers to a type of net or netting used in packaging.	
P/KG	Per Kilogram	Indicates pricing or packaging based on weight in kilograms.	
PACK	PACK	General term for packaging or packaging units.	
PCRT	PCRT	Specific type of packaging or container.	
PILP	Pilpac	Specific type of packaging or container.	
POC	Pocket	A small container or compartment.	
POCS	Poc Sell	Refers to a pocket or small container used for selling items.	
POLY	Poly Bags	Bags made of polyethylene or similar materials.	
POT	Pots	Containers typically used for planting or holding plants.	
PREP	Prepack	Items or units that are prepackaged or prepared.	
PUND	Pun DTray	Refers to a tray or container for specific items.	
PUNN	Punnet - Packaging	A specific type of packaging often used for fruits or vegetables.	
SLEE	Sleeve	A covering or protective layer.	
SOCK	Sock	A fabric covering often used for protection or packaging.	
TRAY	Tray	A flat, shallow container used for holding or displaying items.	
TRSE	Tray Sell	Refers to a tray or container specifically designed for selling items.	
TUB	TUB	A container typically with a round shape and open top.	
UNWR	Unwrap	Indicates items that are not wrapped or packaged.	
WRAP	Wraped	Indicates items that are wrapped or packaged.	

6.5. Units of measure

For an exhaustive lists of units of measure refer to class code 10 of /code/selectCodes

Code Classification Name			
Unit of measures			
Code	**Code Name**	**Code Description**	**remark**
4B	Pair	Pair	
AV	Cap	Cap	
BA	Barrel	Barrel	
BE	bundle	bundle	
BG	bag	bag	
BL	block	block	
BLL	BLL Barrel	BLL Barrel (petroleum) (158,987 dm3)	
BX	box	box	
CA	Can	Can	

CEL	Cell	Cell	
CMT	centimetre	centimetre	
CR	CARAT	CARAT	
DR	Drum	Drum	
DZ	Dozen	Dozen	
GLL	Gallon	Gallon	
GRM	Gram	Gram	
GRO	Gross	Gross	
KG	Kilo-Gramme	Kilo-Gramme	
KTM	kilometre	kilometre	
KWT	kilowatt	kilowatt	
L	Litre	Litre	
LBR	pound	pound	
LK	link	link	
LTR	Litre	Litre	
M	Metre	Metre	
M2	Square Metre	Square Metre	
M3	Cubic Metre	Cubic Metre	
MGM	milligram	milligram	
MTR	metre	metre	
MWT	megawatt hour (1000 kW.h)	megawatt hour (1000 kW.h)	
NO	Number	Number	
NX	part per thousand	part per thousand	
PA	packet	packet	
PG	plate	plate	
PR	pair	pair	
RL	reel	reel	
RO	roll	roll	
SET	set	set	
ST	sheet	sheet	
TNE	tonne (metric ton)	tonne (metric ton)	
TU	tube	tube	
U	Pieces/item [Number]	Pieces/item [Number]	
YRD	yard	yard	
P1	Pack	Pack	
PL	Pallet	Pallet	
Ft	Feet	Feet	
MM	Millimetre	Millimetre	
In	Inches	Inches	
Oz	Ounce	Ounce	
YR	Year	Year	
M	Month	Month	
Wk	Week	Week	
D	Day	Day	
hr	Hour	Hour	
ha	Hectare	Hectare	

yd2	Square yards	Square yards	
ft2	Square feet	Square feet	
cm2	Square centimetre	Square centimetre	
m2	Square metre	Square metre	
pt	Pints	Pints	
qt	Quarts	Quarts	
mm	Millilitre	Millilitre	
2X	Meter/Minute	Meter/Minute	
4G	Microliter	Microliter	
4O	Microfarad	Microfarad	
4T	Pikofarad	Pikofarad	
A	Ampere	Ampere	
A87	Gigaohm	Gigaohm	
A93	Gram/Cubic meter	Gram/Cubic meter	
ACR	Acre	Acre	
B34	Kilogram/cubic decimeter	Kilogram/cubic decimeter	
B45	Kilomol	Kilomol	
B47	Kilonewton	Kilonewton	
B73	Meganewton	Meganewton	
B75	Megohm	Megohm	
B78	Megavolt	Megavolt	
B84	Microampere	Microampere	
BAG	Bag	Bag	
BAR	bar	bar	
BOT	Bottle	Bottle	
BQK	Becquerel/kilogram	Becquerel/kilogram	
C10	Millifarad	Millifarad	
C36	Mol per cubic meter	Mol per cubic meter	
C38	Mol per liter	Mol per liter	
C39	Nanoampere	Nanoampere	
C3S	Cubic centimeter/second	Cubic centimeter/second	
C41	Nanofarad	Nanofarad	
C56	Newton/Square millimeter	Newton/Square millimeter	
CCM	Cubic centimeter	Cubic centimeter	
CD	Candela	Candela	
CDM	Cubic decimeter	Cubic decimeter	
EA	Each	Indicates individual units or items.	

6.6. Currency

Code Classification		**Code Classification Name**	
33		Currency	
Code	**Code Name**	**Code Description**	**remark**
ZMW	Zambian kwacha	Zambian kwacha	

USD	United States Dollar	United States Dollar	
ZAR	South African Rand	South African Rand	
GBP	Pound Sterling	Pound Sterling	
CNY	Chinese Yuan	Chinese Yuan	
EUR	Euro	Euro	

6.7. Transaction Type

Code Classification Name			
Transaction Type			
Code	**Code Name**	**Code Description**	**remark**
C	Copy	Sales and purchase type: Copy	
N	Normal	Sales and purchase type: Normal	
CI	Commercial	Commercial Invoice	
PI	Provisional	Provisional Invoice	
F	Final	Final Invoice	

6.8. Sales Receipt Type

Code Classification Name			
Sales Receipt Type			
Code	**Code Name**	**Code Description**	**remark**
S	Sale	Sale	
R	Reversal after Sale	Refund after Sale	Credit Note
D	Adjustment upwards after Sale	Adjustment upwards after Sale	Debit Note

6.9. Payment Method

Code Classification Name			
Payment Method			
Code	**Code Name**	**Code Description**	**remark**
01	CASH	CASH	
02	CREDIT	CREDIT	
03	CASH/CREDIT	CASH/CREDIT	
04	BANK CHECK	BANK CHECK PAYMENT	
05	DEBIT&CREDIT CARD	PAYMENT USING CARD	
06	MOBILE MONEY	ANY TRANSACTION USING MOBILE MONEY SYSTEM	
08	Bank transfer		
07	OTHER	OTHER MEANS OF PAYMENT	

6.10. Transaction Progress

Code Classification Name

Transaction progress			
Code	**Code Name**	**Code Description**	**remark**
02	Approved	Approved	
05	Refunded	Refunded	
06	Transferred	Transferred	
04	Rejected	Rejected	

6.11. Registration Type

Code Classification Name			
Registration Type			
Code	**Code Name**	**Code Description**	**remark**
A	Automatic	Automatic – Purchases from another Smart Invoice user. These purchases will be identifiable from the select purchase endpoint (i.e. if the endpoint returns anything, it means these were sold to your TPIN by another Smart Invoice user.)	
M	Manual	Manual – Purchases registered directly from the CIS, that are not retrieved via the getPurchase endpoint.	

6.12. Purchase Receipt Type

Code Classification Name			
Purchase Receipt Type			
Code	**Code Name**	**Code Description**	**remark**
P	Purchase	Purchase	
R	Refund after Purchase	Refund after Purchase	

6.13. API Response Code

Code	**System**	**Description**
000	Server	It is succeeded
001	Server	There is no search result
801	Client	There is no data to retransmit.
802	Client	There is data that has not been transferred. After transfer is possible.
803	Client	This is a report that transfer is complete.
804	Client	There is no data to send for the report.
805	Client	Corresponding retransmission data exists.
834	Client	SalesType and ReceiptType must be NS-NR-ND-TS-TR-TD-CS-CR-CD-PS check your inputs
836	Client	Your Sequences have been altered, Connect to ZRA API to get Sequences.
838	Client	Connection to API is not established: check connection.
884	Client	Invalid customer TPIN was provided
891	Client	An error occurred while Request URL is created.

892	Client	An error occurred while Request Header data is created.
893	Client	An error occurred while Request Body data is created.
894	Client	An error regarding server communication occurred.
895	Client	An error regarding unallowed Request Method occurred.
896	Client	An error regarding Request Status occurred.
899	Client	An error regarding Client occurred.
900	Server	There is no Header information
901	Server	It is not valid device
902	Server	This device is installed
903	Server	Only VSDC device can be verified.
910	Server	Request parameter error
911	Server	There is no request full text
912	Server	There is a request Method error.
913	Client	Code value error among request parameters.
921	Server	Sales or sales invoice data which is declared cannot be received.
922	Server	Sales invoice data can be received after receiving the sales data.
924	Client	CIS Invoice number already exists.
930	Server	The specified invoice could not be found. Please verify [orgInvcNo] and try again
931	Server	The credit note amount exceeds the original invoice amount for item:
932	Server	The item specified in the credit note does not exist on the original invoice. [itemCd]
934	Server	The quantity specified in the credit note exceeds the quantity in the original invoice.
935	Server	The credit note contains information that does not match the original invoice data
990	Server	The maximum number of views are exceeded
991	Server	There is an error during registration
992	Server	There is an error during modification
993	Server	There is an error during deletion
994	Server	There is an overlapped Data
995	Server	There is no downloaded file
999	Server	There is an unknown error. Please ask it administrator

6.14. Stock In/Out Type

Code Classification Name			
Stock In/Out Type			
Code	**Code Name**	**Code Description**	**remark**
01	Import	Incoming-Import	
02	Purchase	Incoming- Purchase	
03	Return	Incoming- Return	
04	Stock Movement	Incoming- Stock Movement	
05	Processing	Incoming- Processing	
06	Adjustment	Incoming- Adjustment	
11	Sale	Outgoing- Sale	
12	Return	Outgoing- Return	

Code Classification Name
Stock In/Out Type

Code	Code Name	Code Description	remark
13	Stock Movement	Outgoing- Stock Movement	
14	Processing	Outgoing- Processing	
15	Discarding	Outgoing- Discarding	
16	Adjustment	Outgoing- Adjustment	

6.15. Credit Note Reason Code

32			Refund reason code	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
01	1	Wrong product(s)	Wrong product(s)	
02	2	Wrong price	Wrong price	
03	3	Damaged Goods	Damaged Goods	
04	4	Wrong Customer Invoiced	Wrong Customer Invoiced	
05	5	Duplicated invoice	Duplicated invoice	
06	6	Excess supplies	Excess supplies	
07	7	Other (Provide other reason in brief)	Other (Provide other reason in brief)	

6.16. Item code Generation

The item code field is required and must have a unique value. This means that each item registered in the CIS should be identified by its own unique item code.

Where the **CIS has no unique identifiers** for a registered item, the below formula should be used to generate item code.

For example: **itemCd:** ZM2NTBA0000012

ZM: Country of Origin (Zambia)
2: Product Type (Finished Product)
NT: Packaging Unit (NET)
BA: Quantity Unity (Barrel)
0000012: increments from 0000001 to N value

6.17. Import Item status.

Code Classification Name			
Import item Status			
Code	Code Name	Code Description	remark
3	Approved		These are imported items approved to be stocked-in
4	Rejected		These are non-stock imports

6.18. Debit note reason.

Code Classification Name			
Reason for debit note			
Code	Code Name	Code Description	remark
01	Wrong quantity invoiced		

02	Wrong invoice amount		
03	Omitted item		
04	Other [specify]		

6.19. Zambia ports

Code Classification Name			
Zambia ports			
Code	Code Name	Code description	remark
CGA	CHINGOLA AIRPORT		
CHA	CHAVUMA		
CHD	CHANIDA		
CHE	CHEMBE		
CHG	CHIPUNGU		
CHI	CHINSALI		
CHN	CHINGOLA		
CHO	CHOMA		
CHP	CHIPATA		
CHR	CHIRUNDU		
CHT	CHIPATA AIRPORT		
GWA	GWEMBE VALLEY		
HQO	HEAD QUARTERS OFFICE		
JIM	JIMBE BRIDGE		
KAS	KASAMA		
KIP	KIPUSHI		
KPM	KAPIRI MPOSHI		
KRB	KARIBA		
KSH	KASHIBA		
KSU	KASUMBALESA		
KTA	KITWE AIRPORT		
KTM	KATIMA MULILO		
KTW	KITWE PORT OFFICE		
KZU	KAZUNGULA		
LGA	LUANGWA		
LIA	LUSAKA INTERNATIONAL AIRPORT		
LKA	LUSAKA PORT OFFICE		
LON	LONSHI BORDER POST		
LUF	LUFUWA BORDER POST		
LUK	LUKWESA		
LUM	LUMI		
LUN	LUNDAZI		
LUS	LUSUNTHA		
LVA	LIVINGSTONE AIRPORT		
LVI	LIVINGSTONE PORT OFFICE		
MAS	MANSA		
MAT	MATANDA		
MBA	MBALA AIRPORT		
MFA	MFUWE AIRPORT		
MKA	MOKAMBO		
MLS	MULIASHI		
MOA	MONGU AIRPORT		
MON	MONGU OFFICE		
MPO	MPOROKOSO		
MPU	MPULUNGU		
MWA	MWAMI BORDER POST		

MWI	MWINILUNGA		
NDA	NDOLA AIRPORT		
NDO	NDOLA PORT OFFICE		
NGE	NCHELENGE		
NKO	NAKONDE		
NYA	NYALA		
SKA	SAKANYA		
SOL	SOLWEZI		
SVO	SIAVONGA		
SZE	SINAZONGWE		
VFL	VICTORIA FALLS		
ZOM	ZOMBE		

6.20. Destination Incortem

Code Classification Name			
Destination Incortem			
Code	**Code Name**	**Code description**	**Remark**
1	FCA	Free Carrier	
2	FAS	Free Alongside Ship	
3	FOB	Free On Board	
4	CFR	Cost and Freight	
5	CIF	Cost, Insurance, and Freight	
6	CPT	Carriage Paid To	
7	CIP	Carriage and Insurance Paid To	
8	DAP	Delivered at Place	
9	DPU	Delivered at Place Unloaded	
10	DDP	Delivered Duty Paid	
11	Other		

6.21. Departure Incoterm

Code Classification Name			
Departure Incortem			
Code	**Code Name**	**Code description**	**Remark**
01	EXW	Free Carrier	
02	Other		

6.22. Commercial Invoice status

Code Classification Name	
Commercial Invoice status	

Code	**Code Name**	**Code description**	**Remark**
01	Pending Acquittal		
02	Acquitted		
03	Cancelled		
04	Reversed		

6.23. Banks

Code Classification Name			
Banks			
Code	**Code Name**	**Code description**	**Remark**
FAB	FAB	First alliance bank limited	
ZIC	ZICB	Zambia industrial commercial bank plc	
ABB	AB BANK	Ab bank zambia limited	
BBZ	ABSA	Absa bank zambia plc	
ACZ	ACCESS	Access bank zambia limited	
BOC	BOC	Bank of china (zambia) limited	
CIT	CITIBANK	Citibank zambia limited	
ECO	ECOBANK	Ecobank zambia limited	
FCB	FCB	First capital bank zambia	
FNB	FNB	First national bank zambia limited	
IZB	INDO - ZAMBIA	Indo-zambia bank limited	
SBZ	STANBIC	Stanbic bank zambia limited	
SCB	STANCHART	Standard chartered bank plc	
UBA	UBA	United bank for africa zambia limited	
ZNC	ZANACO	Zambia national commercial bank plc	
BOZ	BANK OF ZAMBIA	Bank of zambia	

6.24. Customer type

Code Classification			**Code Classification Name**	
20			customer type	
Code	**Sort Order**	**Code Name**	**Code Description**	**remark**
01	1	Resident		
02	2	Non resident		
03	3	Transporter		

6.23. travel purpose

Code Classification	**Code Classification Name**
22	travel purpose

Code	Sort Order	Code Name	Code Description	remark
01	1	Business		
02	2	Holiday Travels		
03	3	Other (Please specify)		