Designed to effortlessly consolidate business and organizational processes

ABOUT CONSOLS

❖ **Consols (Consolidated Solutions) is a web based business solution that houses several business solutions carefully designed to computerize major business processes.**

❖ **It covers business processes including enterprise management, manufacturing, logistics, employee management and so on.**

❖ **Its user interface is friendly as it is easy to navigate from solution to solution and as well as module to module.**

CONSOLS FUNCTIONALITIES

SECURITY

❖ **Consols is highly secured with the latest web security policies.**

❖ <u>**Password complexity**</u>**: Consols is embedded with strong password policy of minimum of 9 characters which must include special characters and numbers or letters.**

❖ <u>**Password expiration**</u>**: Consols is designed with a security feature that can be activated to cause expiration of users passwords after a certain period of time. The activation and password resetting can be done by the system's administrator only.**

❖ <u>**Password history**</u>**: The history of password is saved on the database for audit purpose.**

❖ <u>**Mac address filtering system**</u>**: This security feature when enabled allows a user to login only on the computer he or she is assigned to.**

❖ <u>**Wrong login attempt threshold**</u>**: A Security policy that instantly deactivates a user's account once a wrong password had been entered for a couple of times as preset by the administrator.**

CONSOLS FUNCTIONALITIES

SECURITY

- **Multiple access restriction**: If enabled, a user can not be able to login on more than one system at a time.

- **Domain or Public IP restriction**: Even when the system is hosted on a cloud network, access can be limited to a specific public IP address. This is to block unauthorized access of the application.

- **Session time out**: For security reasons, the system times out automatically after a certain period of inactivity from user. The time out session is preset by the administrator.

- **Solution access permission**: Access to solutions within the Consolidated Solution is limited to the solutions the administrator has granted to a user.

- **Entity access permission**: Access to an entity within the Consolidated Solution is limited to the entity the administrator has granted to a user.

- **C.R.U.D (Create, Read, Update and Delete) permission**: A user can only have rights to create, read, update or delete data on the system as permitted by the administrator.

- **Standalone administrative panel**: The administrative panel stands and looks different from the other users' interface. This makes the administrator to perform his/her function by interacting with the user interface.

Consolidated Solution

CONSOLS FUNCTIONALITIES

FEATURES

- ❖ **Customizable**: The solutions within the Consolidated Solution can be customized further such that it covers a company's business process end-to-end.
- ❖ **Multi-Company**: Consols can be implemented for more than one subsidiaries under the parent company.
- ❖ **Web-Based**: Consols is a web-based application which means it can be accessed from any where with the use of a web browser and internet access.
- ❖ **Support Cloud Hosting**: Consols can be hosted on a cloud network meaning it can be accessed using the internet connection when the user is not close to the server.
- ❖ **Support Local Hosting**: It can be hosted on a local network, this means it can be used without internet connection in situations where the server is within the reach of the user.
- ❖ **Global or Group Reporting:** For a business with subsidiaries, Consols provides a platform where consolidated report and data can be generated.

CONSOLS FUNCTIONALITIES

FEATURES

- **Multi-User**: Multiple users can work independently and at the same time.
- **Mobile Friendly**: Consols can be accessed not just with computer but also on mobile devices (Smartphones and Tablets).
- **Standard Reporting**: Standard reporting made easy. With few clicks, reports are displayed.
- **Analytics:** Graphical presentation of several metrics to aid businesses with decision making.
- **Customizable Reporting**: Apart from standard report which is embedded in Consols, reports can also be customized to further suit a business owner.
- **Integrate-able**: For the purpose of hand-shaking, Consols can be integrated to work hand-in-hand with other solutions to achieve a purpose.

CONSOLS OIL & GAS LOGISTICS

This is a business solution designed to seamlessly computerize activities carried out in an oil and gas logistics business. Consols oil and gas dashboard provides us with various platforms where major operations relating to oil and gas logistics business can be carried out from the beginning till the end. These oil and gas operations or activities are classified into 3 modules in Consols Oil & Gas Logistics, they are:
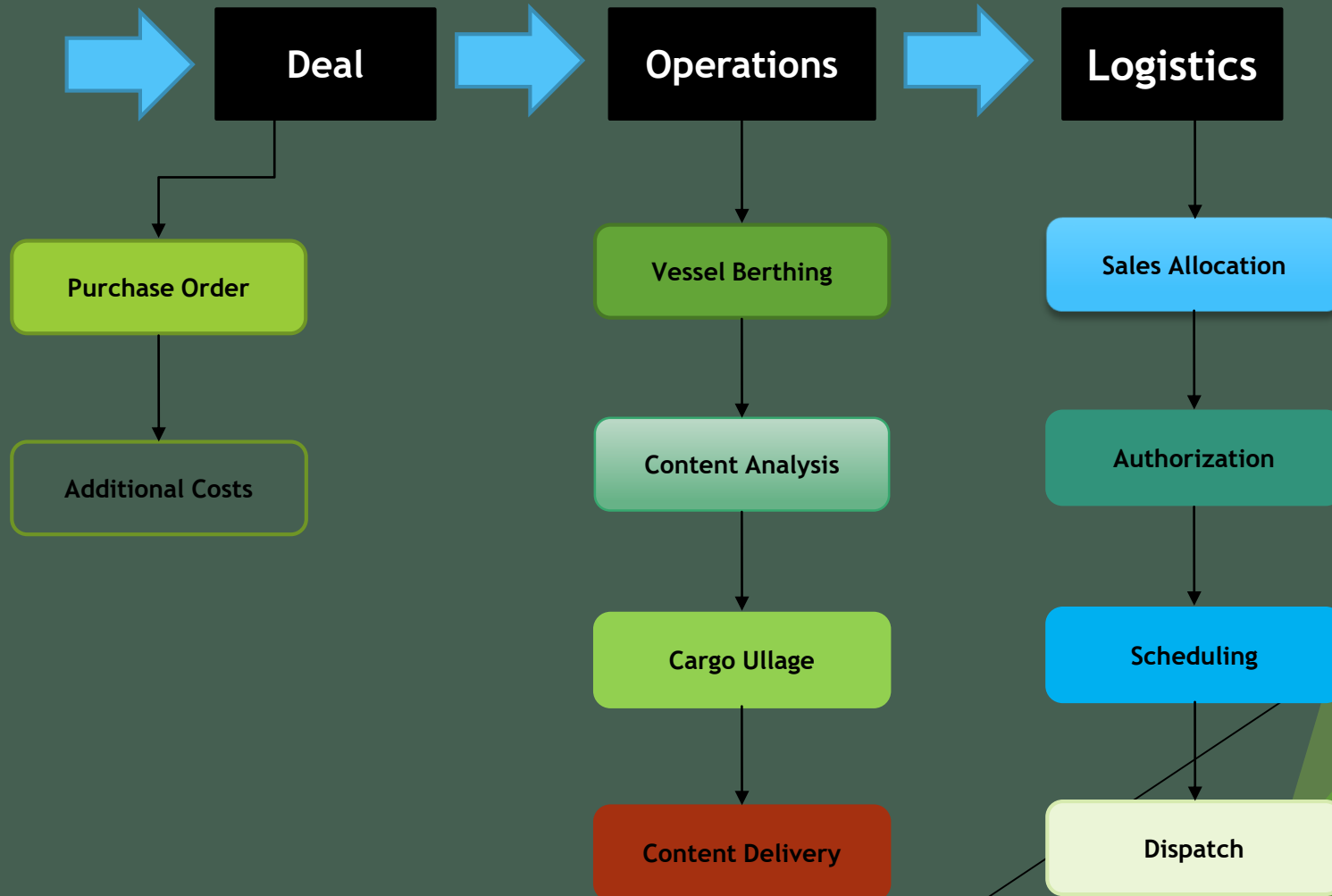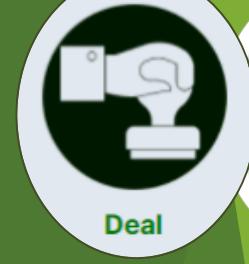
- Deal

- Operations
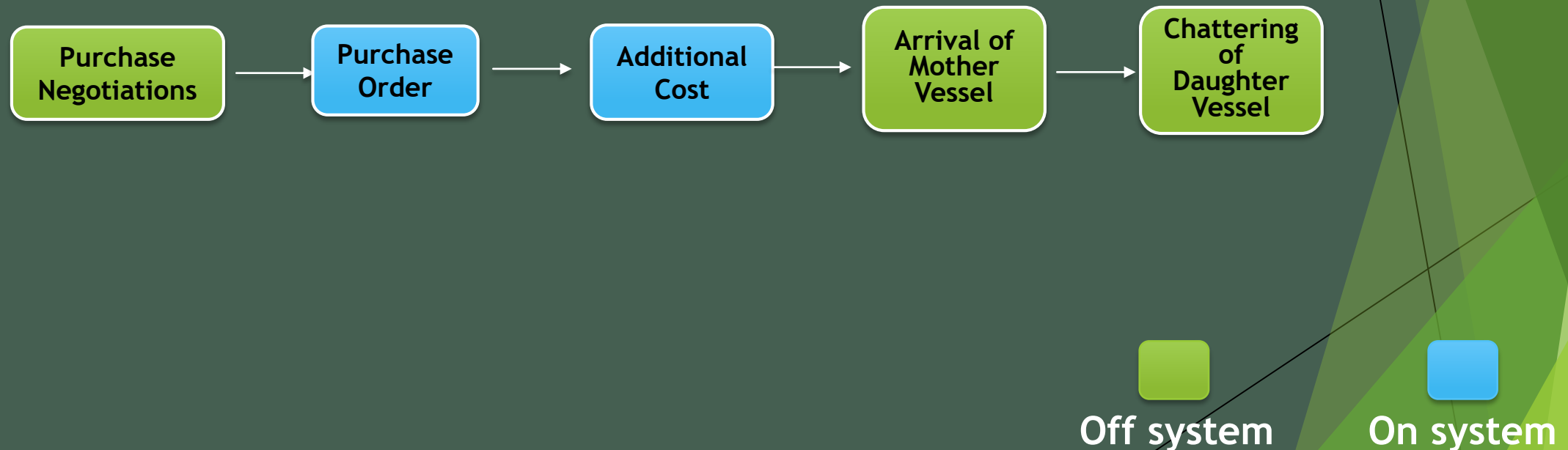
- Logistics

DEAL

The deal process covers the major processes involved in the purchase of the oil and gas products prior to the arrival of those products through a mother vessel. It also involves the process of recognizing additional costs like Jetty Fees, Agency Fees, Chattering of Vessel and other costs that form part of the landing cost of the product.

Purchase Negotiations → Purchase Order → Additional Cost → Arrival of Mother Vessel → Chattering of Daughter Vessel

Off system

On system

DEAL

PURCHASE ORDER

This is a platform where details pertaining to the purchase of products are entered and a purchase order will be generated. The purchase order is then sent to the vendor with other documents so as to serve as a binding document for the purchase.

ADDITIONAL COST

This is where the additional costs incurred during the process of purchasing the products are entered. These includes agency fee, cost of hiring a daughter vessel, jetty fee and other government levies.

Oil & Gas Purchase Additional Cost

Purchase Ref	PO-56	Date	2021/02/17
Supplier	VEN001	Supplier Ref	2001
Other Ref	PO-56	Notes	
Total	7,000,000.00	Curency	NGN

| Ref | 1008 | Item | PMS | Qty | 50,000.00 | Rate | 140.00 | Received Qty | 0 | Value | 7,000,000.00 |
| Voucher check | VCH-25 | Addon Voucher | VCH-25-200 | Added Cost | 10000 | Avail. Amount | 12,750.00 | Adj. Value | 7,010,000.00 | Cancel | Save |

OPERATIONS

This is where all the operational activities are being carried out, that is, this section covers the processes involved from the beginning to the end after a deal has pulled through.

Operations

```
Arrival of          Authorise                  Authorise
Daughter Vessel  →  Product Testing  →  Cargo Ullage  →  Product        Through Jetty  →  TANK
                 →  Unberth                            →  Delivery                          FARM
```

Off system   On system
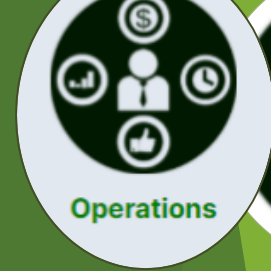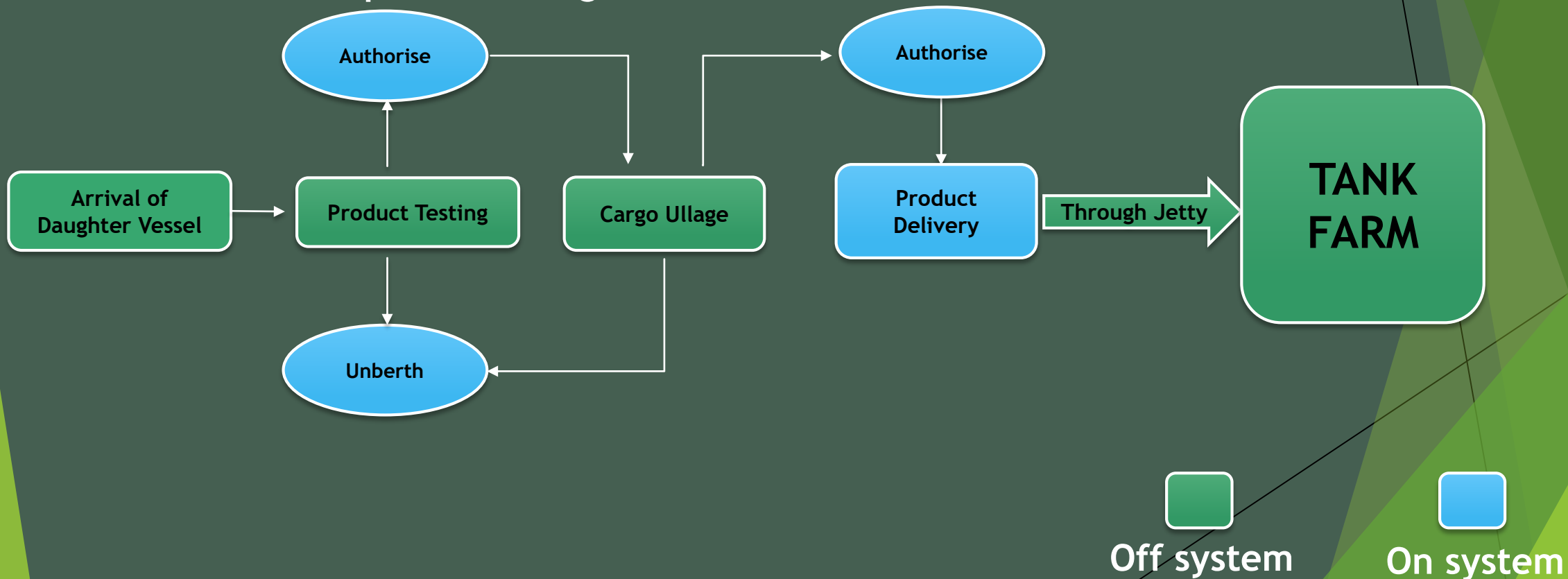
OPERATIONS

Vessel Berthing	Content Analysis	Cargo Ullage	Content Delivery

VESSEL BERTHING

This is a platform where the information of the daughter vessel is entered. It is the first step under the operations as it signifies the arrival of the daughter vessel with the purchased products.

Vessel Berthing

PO-56   [Search]

Berth Ref

Purchase Ref	PO-56
Product	PMS
Cargo Qty	50,000.00
UOM	Liter
Vessel No	10
Vessel Description	MOTHER VESSEL

[Proceed]

	Ref	Date	SupplierRef
	PO-56	2/17/2021	2001

OPERATIONS

Vessel Berthing	Content Analysis	Cargo Ullage	Content Delivery

CONTENT ANALYSIS

This is a platform where test results on a product sample are entered. These tests are meant to ascertain the quality of the product if it meets up with the required standard. A Quality Certificate is generated automatically when the product meets the required standard.

Critical Test Analysis

Unbirth

Berth Ref   BERT-13
Purchase Ref   PO-56
Berth Date   02/17/2021
Vessel ID   10
Product   PMS
Cargo Qty   50,000.00
UOM   Liter

Test ID [____] Test Result [____] Unit [____] [Proceed]

	Test Date	Berth Ref	Product	Test	Result	Unit
⊗	2019	2/17/2021	BERT-13	PMS	95percRecovery	SATISFACTORY	100

[Return] [Finish]

OPERATIONS

Vessel Berthing	Content Analysis	Cargo Ullage	Content Delivery

CARGO ULLAGE

This is a platform where the ullage (measured) quantity is entered. The ullage quantity is compared to the tolerance level before acceptance.

Cargo Ullage

Berth Ref	BERT-13
Purchase Ref	PO-56
Berth Date	mm/dd/yyyy
Vessel ID	10
Product	PMS
Cargo Qty	50,000.00
UOM	Liter
Test Result	
Ullage	50,000.00
Tolerance %	100

Proceed

Berth Ref	Purchase Ref	Berth Date	Vessel ID	Vessel Description	Item ID	Quantity	UOM	Test Result
BERT-13	PO-56	2/17/2021	10	MOTHER VESSEL	PMS	50,000.00	Liter	
BERT-7	PO-25	11/12/2020	AMRAH/A39	AMRAH VESSEL A40	AGO	8,000,000.00	Liter	

OPERATIONS

Vessel Berthing	Content Analysis	Cargo Ullage	Content Delivery

CONTENT DELIVERY

This is the last process under the operations where the quantity of product discharged into the tank farm is recorded. It is at this point that Consols records some accounting entries by debiting the Inventory Control Account and Crediting the Supplier Account and at the same time it Credits the Additional Cost Account.

Cargo Delivery

Purchase Ref	PO-56	**Date**	2021-02-17
Supplier	VEN001	**Supplier Ref**	2001
Other Ref	PO-56	**Notes**	
Total		**Curency**	NGN

Ref	1008	Item	PMS	Qty	50,000.00	Rate		Received Qty	50000	Value

Receipt Date 02/17/2 📅 Supplier Ref 2002 Voucher check [ ] Addon Voucher [⌄] Added Cost [ ] Avail. Amount

Warehouse TANK FARM ⌄ Adj. Value Cancel Save

OPERATIONS

REPORTS

The report module warehouses several operational reports that can be generated with few clicks. These reports are flexible as they can be modified further.

CLEANCODE TECHNOLOGY LTD

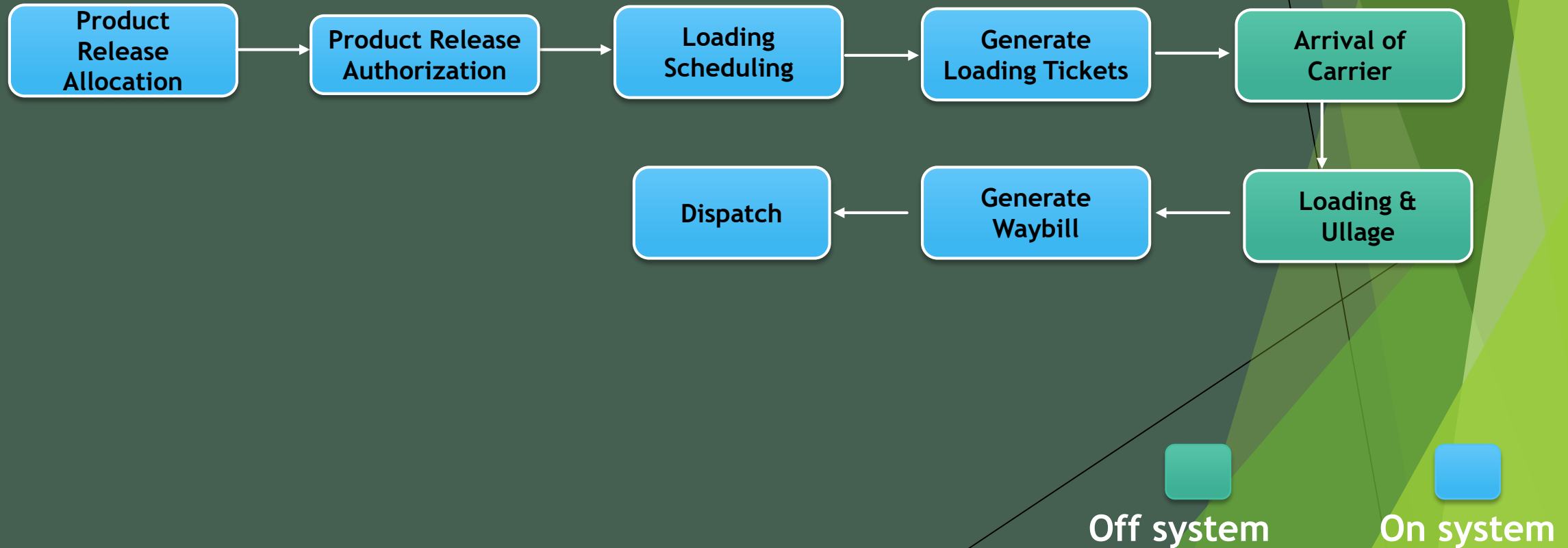**KM, 7 JOS ROAD BAUCHI NIGERIA**

+2347037064891

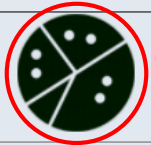| Periodic Vessel Berthings				Between	2/17/2021		and	2/17/2021	

SN	Received Date	Berth ID	Purchase Ref	Vessel ID/Desc.	Product	Ullage Qty	Received Qty	Unit
1	2/17/2021	BERT-13	PO-56	10/MOTHER VESSEL	PMS	50,000.00	50,000.00	Liter

LOGISTICS

This covers all the activities carried out during the sales and transfer of products from the tank farms to the various clients.

Product Release Allocation → Product Release Authorization → Loading Scheduling → Generate Loading Tickets → Arrival of Carrier

Dispatch ← Generate Waybill ← Loading & Ullage ← Arrival of Carrier

Off system   **On system**

LOGISTICS

ALLOCATION

This is a platform provided for entering the details of a sales allocation i.e. the allocation of products to various customers. The allocated products are subject to authorization by a superior officer.

LOGISTICS

Logistics

| Allocation | Authorisation | Scheduling | Dispatch |

AUTHORISATION

An allocated product will be released under this platform. The authorization platform is provided to serve as a check and control for the product allocation process.

Product Release Authorisation

[Search]

Allocation Ref PRA-9 Invoice Ref INV-88 Invoice Lice Ref 3061 [Confirm] [Void]

	PRA ID	Invoice No	Invoice Line	Date	Customer ID	Customer Name	Description	Product	Allocated Qty	Rate
	PRA-9	INV-88	3061	2/17/2021	CUS0004	OLA AND SONS LTD	SALES OF 50000 LITERS OF PMS		50,000.00	155.00

LOGISTICS

Allocation	Authorisation	Scheduling	Dispatch

SCHEDULING

This is a process designed to state how the allocated products would be loaded. This is done based on the customer's loading program which contains the truck number, truck capacity and transporter(driver). A loading ticket is generated automatically when this process is completed.

Dispatch Scheduling

Return

Allocation ID	PRA-9	Invoice Ref	INV-88	Date	02/17/2021	Print Tickets
Customer Code	CUS0004	Customer Name	**OLA AND SONS LTD**			
Product		Quantity Allocated	50,000.00	Balance Qty	1.00	

Truck No [ ] Quantity [ ] Save

	PRA ID	Invoice No	Ticket No	Source	Product	Qty	Carrier
❌	PRA-9	INV-88	2006			49,999.00	OLA-3

LOADING TICKET

This is the ticket or note generated and given to the customer representative (depot supervisor) to serve as a passage for loading. It contains details about the loading schedule, truck number, the customer's details, the required quantity, driver's details, loader's details and other officers in charge of overseeing the loading of those products.

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LOADING TICKET

Ticket No:	2006		
PRA/Order ID:	PRA-9//INV-88		
Product:			
Truck No:	OLA-3		
Qty Required:	49,999.00		
Date:	2/17/2021		
Expiry Date	2/22/2021		
Customer:	CUS0004 OLA AND SONS LTD		
	Loading		
Compt	Quantity	Compt	Quantity
1		4	
2		5	
3		6	
Loader's Name:			
Sign & Date:			

Qty Loaded (Liters)		
	Ullage	
1		
2		
3		
4		
5		
6		
Serial No.:	TOP:	
	BOTTOM:	
Water Content:		
Driver's Name:		
Dispatch Officer's Name		
Sign & Date:		
Supervisor's Name		
Sign & Date:		

A.Y.M Shafa Limited shall not be liable for any loss or damage that might arise as a result of loss or misuse of this loading ticket, once it is issued. Any alteration or cancellation renders this Ticket Invalid.

Distribution:	(1) Customer	(2) Gate	(3) Fin. & Acc.
(4) Transporter			

Allocation	Authorisation	Scheduling	Dispatch

DISPATCH

This is the process of recording the loading information truck by truck for the purpose of generating a waybill. The waybill is generated once a loading ticket has been filled with the necessary information. At this point, Consols will record some accounting entries by debiting the customer and crediting the sales ledger and at the same time debit the cost of sales ledger and credit the inventory control account.

Dispatch

Search

Invoice No: INV-88	Ticket No: 2006	Carrier:	OLA-3	Product:	Source:	TANK FARM
Qty (Compt.)	1 19999	2 15000	3 15000	4 0	5 0	6 0
Ullage (Compt.)	1 19999	2 15000	3 15000	4 0	5 0	6 0
Total Qty & Destination	49,999.00	BAUCHI	**Transporter**	AYM SHAFA	Dispatch	

WAYBILL

This is a document containing information about the products in transit; loading source (depot), destination, customer's information, quantity of products in the truck and other necessary information.

FEEDBACK

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