



# TransIT: Transportation Information Tool

# What is TransIT and ePOD

- TransIT is a **transportation management system**
- Includes Android-based **mobile app** ePOD, typically used by drivers.
- It is a **cloud-based solution** that enables access to transportation information anytime and anywhere in the world



This Photo by Unknown Author is licensed under [CC BY-NC](#)

# Need for this system

- No low-cost transport management system available
- No continual access to pertinent data, limiting informed decisions
- Inability to validate deliveries quickly or with certainty
- Late payment to third-party logistics transporters
- Lack of adequate performance and cost metrics
- Distribution and route plans in different formats



This Photo by Unknown Author is licensed under [CC BY-NC](#)

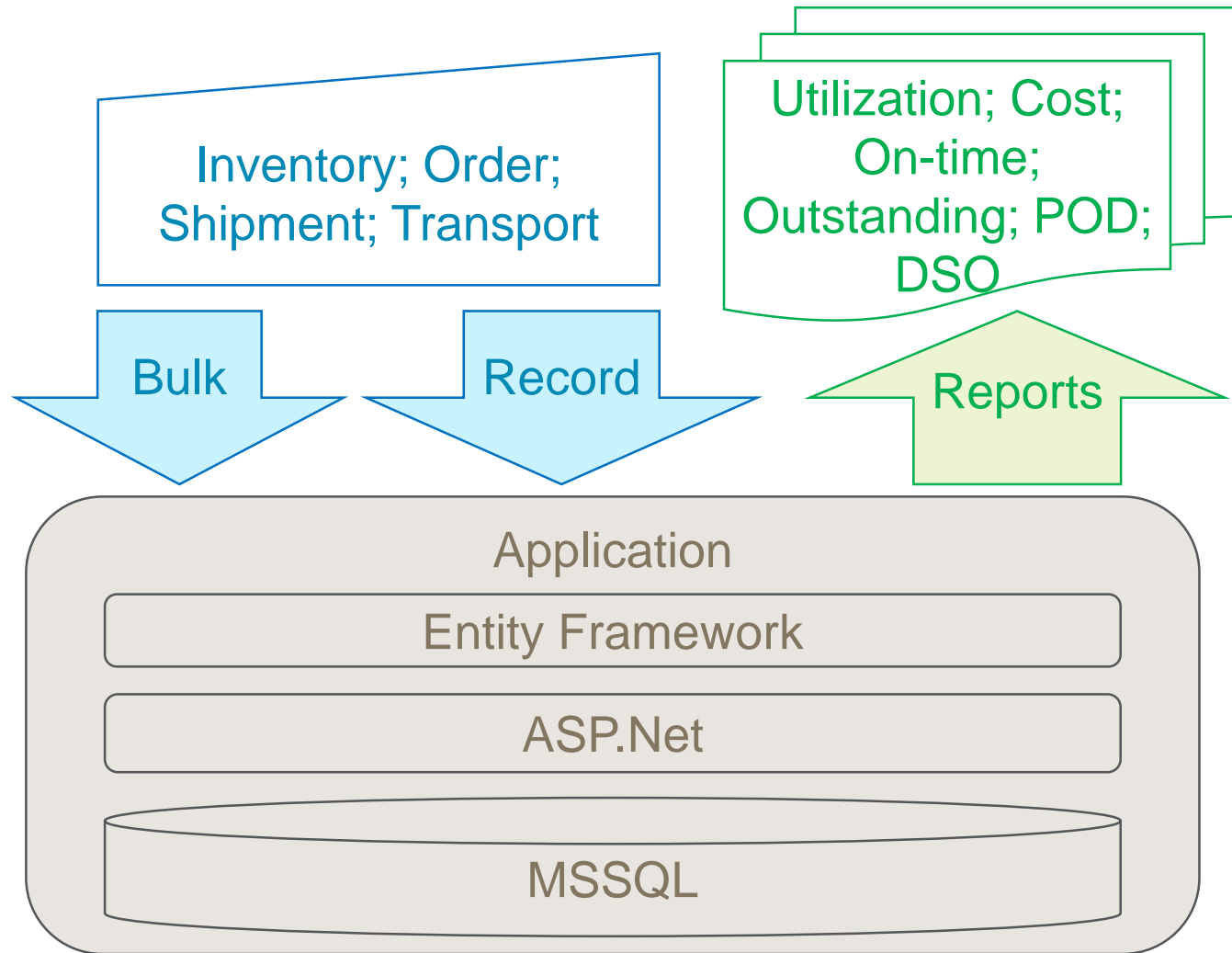
# What are the benefits?

- Greater in-country distribution visibility
- Improved pick and pack
- Combined shipment and route optimization
- Improved ability to develop route plans
- Real-time delivery updates
- On-time vendor payments due to better visibility
- Better informed on performance and costs



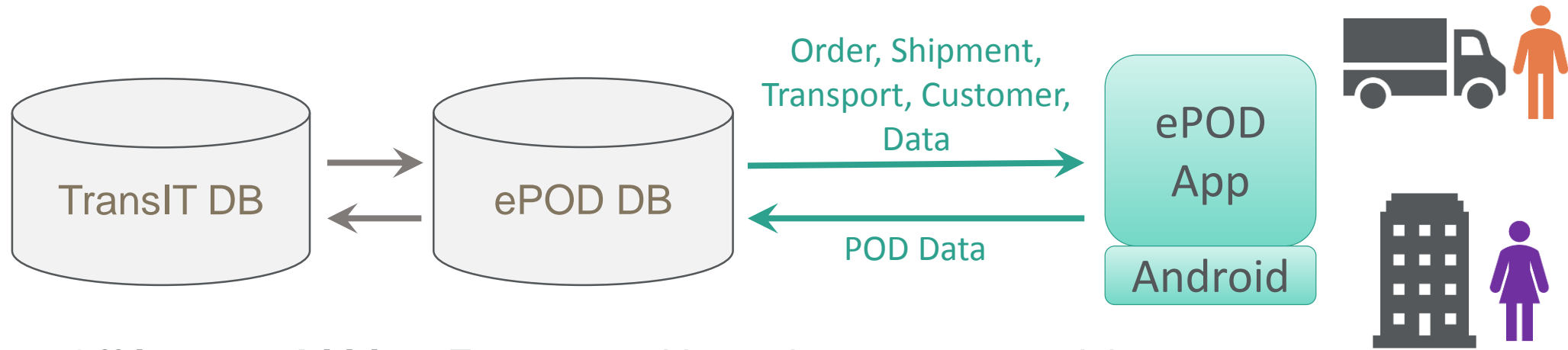
This Photo by Unknown Author is licensed under [CC BY-SA](#)

# TransIT



- **Cloud-based solution:** Enables access anywhere, anytime, and minimizes infrastructure setup/maintenance cost
- **No inherent dependency** on existing systems
- **Microsoft technologies:** Azure, ASP .NET, MSSQL, Entity framework
- **Important KPI's** available and adding
- **API's** to interact with existing systems

# ePOD app



- **Offline capabilities:** For areas with low internet connectivity
- **Easy-to-use UI:** Keeping varied literacy levels in mind
- **Fast operations:** Works well for low-end phones
- **Image uploading capabilities:** For better visibility of information
- **Multiple language support:** English, French, Portuguese

# **TransIT Screenshots**

Username

Password

SIGN IN

Not registered? [Create an account](#)



[Visual Reports](#)

[Reports](#)

[Manual Upload](#)

[Excel Upload](#)

[Logout](#)

## MANUAL UPOAD FORMS

[Supplier Master](#)

[Customer Type Master](#)

[Customer Master](#)

[Mode Of Transport Master](#)

[Item Master](#)

[Item Details](#)

[Transporter Details](#)

[Driver Master](#)

[Order Details](#)

[Shipment](#)

[Cost Form](#)

[POD Variance](#)

Visual Reports

Reports

Manual Upload

Excel Upload

Logout

Start Date

End Date

Reports Available:

Percent Capacity Utilization (cubic utilization) by Transporter

Percent Capacity Utilization (cubic utilization) by Transporter

Average Kilometers per Shipment by Transporter

Average Product Cost Per Shipment By Transporter

Average Transporter Cost Per Shipment By Transporter

Average Transporter Cost Per Kilometer By Transporter

Percentage Outstanding Pods By Transporter

Percentage On Time Deliveries By Transporter

Number of Damaged / Short / Over Shipments by Transporter

Discrepancy Between Invoice And Pod

Average Transporter Cost Per Cubic Meter By Transporter

Average Transporter Cost Per Each By Transporter

Average Transporter Cost Per Route By Transporter

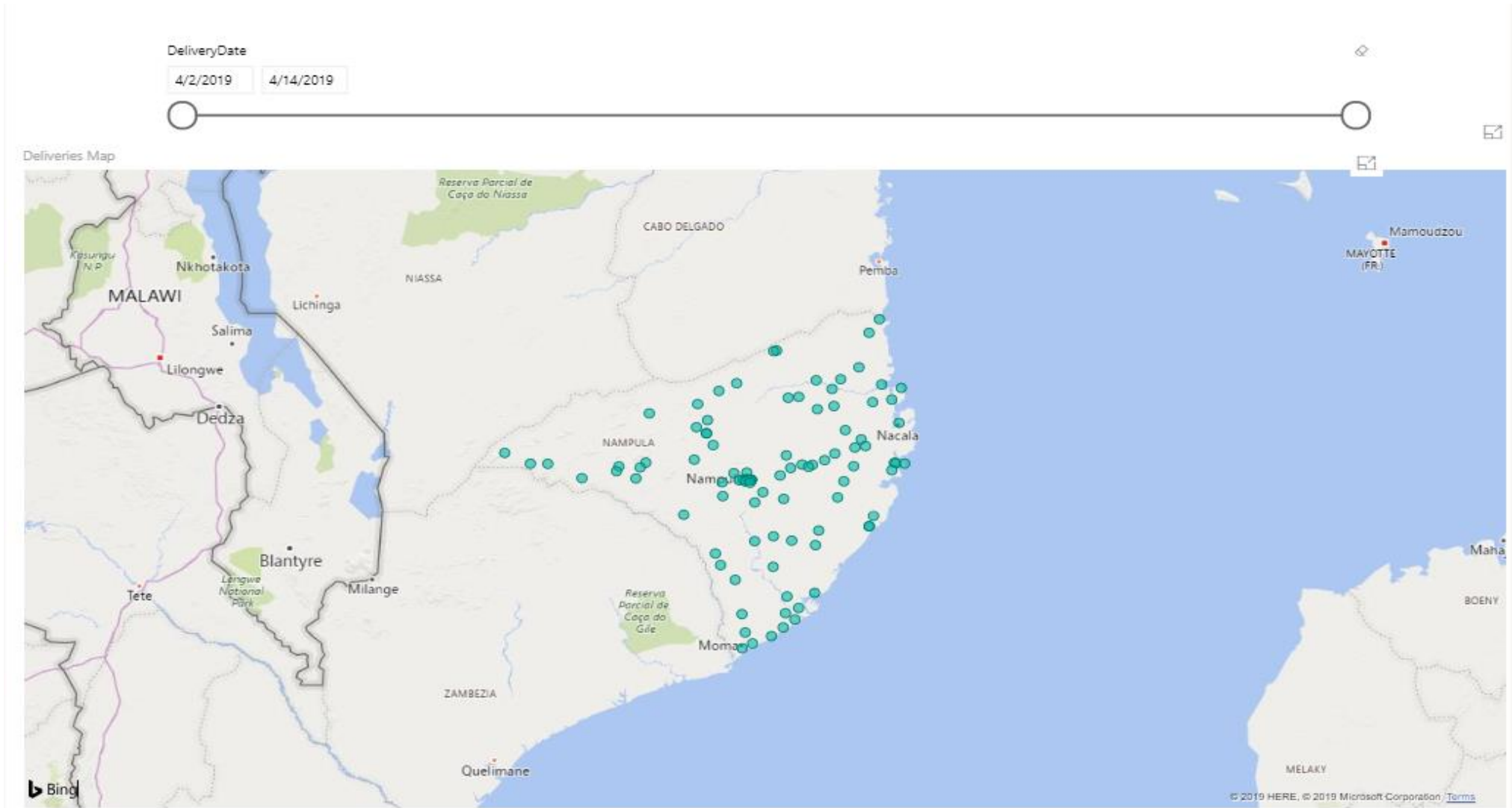
Orders Ready To Be Shipped

Orders With No Shipping Details

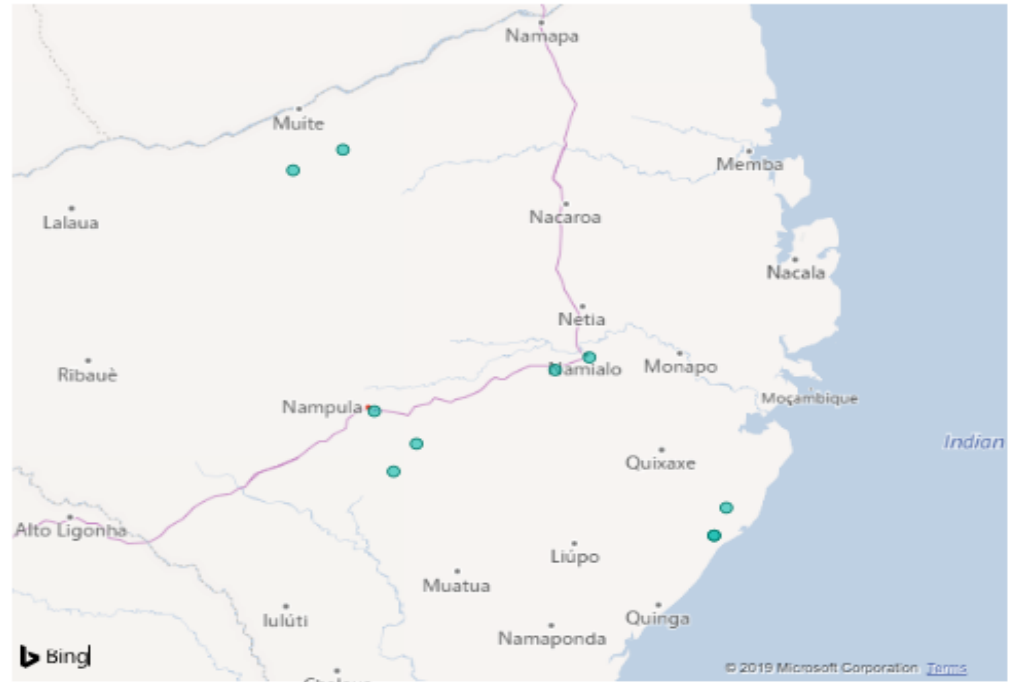
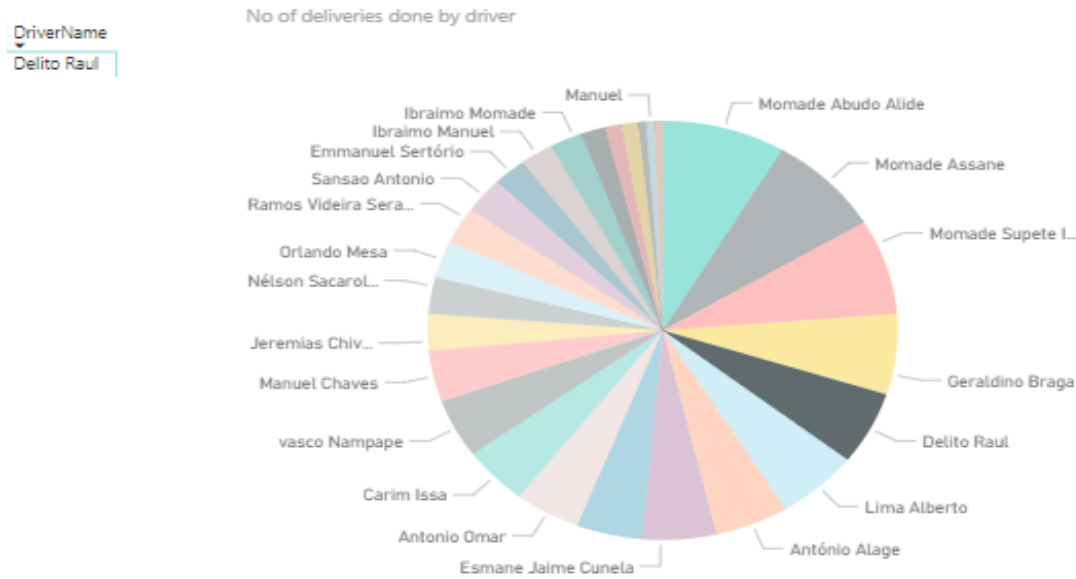
Generate

Clear

# Live dashboard utilizing GPS coordinates From e-POD app-indicates deliveries completed

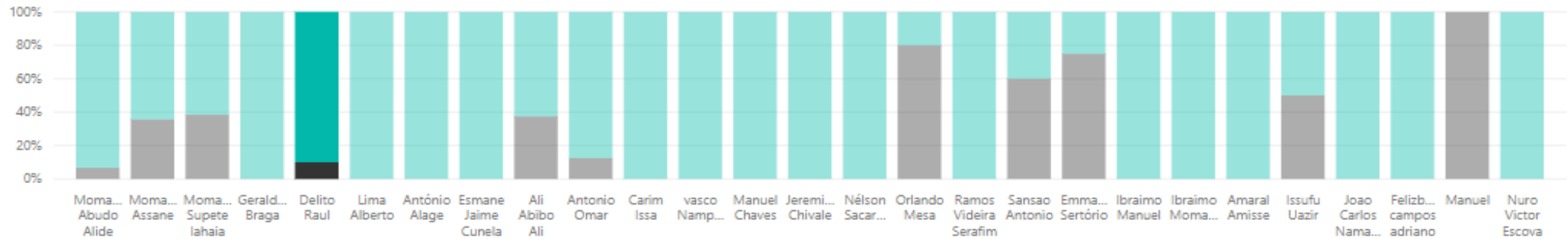


# Driver Performance Dashboard – displays on-time delivery metrics and numbers of deliveries



On-time deliveries per driver

On time delivery ● False ● True



# **ePOD Screenshots**

User name

scott

Password

.....

SIGN IN

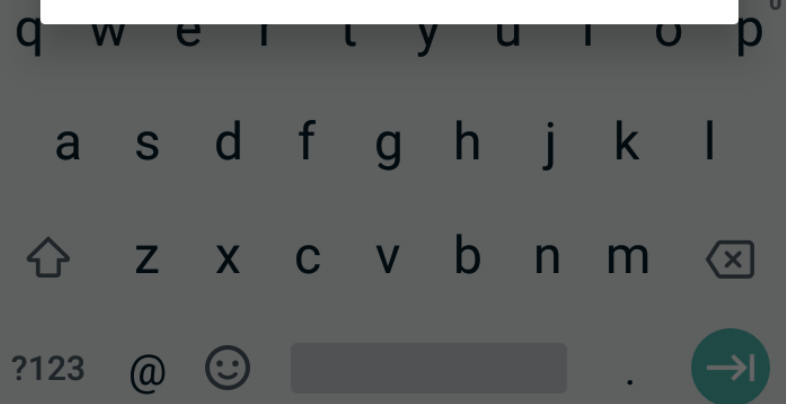
User name

Password

SIGN IN

### Choose Language

- English
- French
- Português





Scott 

All Vehicles 



**AGN50021\_AGNES THANDI MOTOA  
PHARMACY**

Address :

Phone : 58726920

Expected By : Tue, Oct 30, 2018



**WOR40200\_WORLD HEALTH  
ORGANISATION**

Address : WHO Headquarters

Phone : 123654789

Expected By : Sat, Nov 3, 2018





ePOD



**WOR40200\_WORLD HEALTH  
ORGANISATION**

**Address :** WHO Headquarters

**Phone :** 123654789





**Shipment: 70**

**Expected By :** Sat, Nov 3, 2018



ePOD ⋮

 **Shipment** : 57  
 **Customer** : UMDcustomer

 **Order Line Details:**

#	Name	Quantity
94712713	UMDitem1	23
94712713	UMDitem2	48

 **Delivery Status:**

Select delivery status

IMAGES : CUSTOMER/PRODUCT (0)

IMAGES : POD (0)

SIGN ON SCREEN : (0)

# Mozambique Implementation

## Monthly Distribution of ARVs/RTKs

- 3 regional warehouse to all 11 in-country provincial warehouses

## Quarterly Distribution:

### 1. LLIN

From 3 provincial warehouses to health facilities

Cabo Delgado: From provincial warehouse to 17 district warehouses

### 2. ACT Kits

From Maputo regional warehouse to 11 provincial warehouses

## Pilot Phases of Implementation

### Phase 1 LLIN distribution (April '19): Nampula

- Number of nets: 64,500
- Number of health facilities: 202
- Number of transporters: 1
- Number of drivers: 30

### Phase 2 ARV/RTK distribution (May/June '19):

Number of transporters: 4

- Number of drivers trained by transporter: 5
- Total of trained drivers: 20
- Number of shipments issued: 39

# Mozambique Training sessions:







Transporter Name: FrigoExpresso, Lda  
 Driver Name: Edson Lino  
 Vehicle Number: AFT512MP-20  
 Shipment Date: 06/21/2019  
 Expected Delivery Date: 06/24/2019  
 Custom Route Number:   
 Delay Justified:   
 Paper Based POD Received:

Delivery Status: Delivered  
 POD Status: POD signed complete  
 Delivery Date: 06/24/2019 17:30  
 GPS coordinates: -19.8278547 34.8430433  
 Description:   
 Customer Images:  No file chosen


**Orders**  
 Customer: 03070101\_DPM SOFAL  
 Order Number: 936

Order Number	Customer Name
722	03070101_DPM SOFALA

Transporter Name: FrigoExpresso, Lda  
 Expected Delivery Date: 06/24/2019  
 Delivery Date: 06/24/2019 17:30  
 Customer Images:  No file chosen

your foto aqui

Transporter Name: FrigoExpresso, Lda  
 Expected Delivery Date: 06/24/2019  
 Delivery Date: 06/24/2019 17:30  
 Customer Images:  No file chosen



Transporter Name: FrigoExpresso, Lda  
 Expected Delivery Date: 06/24/2019  
 Delivery Date: 06/24/2019 17:30  
 Customer Images:  No file chosen



Thank you

