



1()g1stim() Digital Services

Anup Akkihal, Neeraj Thakare, Austine Omiunu & Joseph Mtenje 15:00 CET, October 7th, 2021

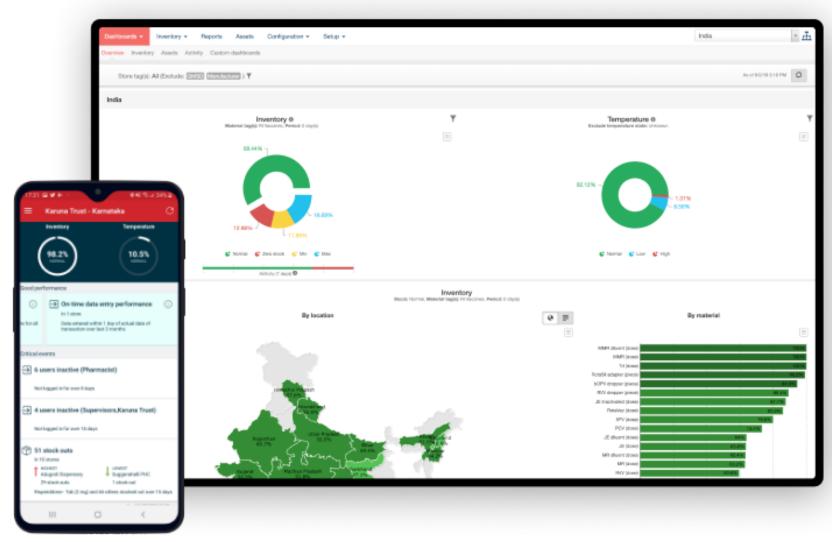
INTRODUCTION

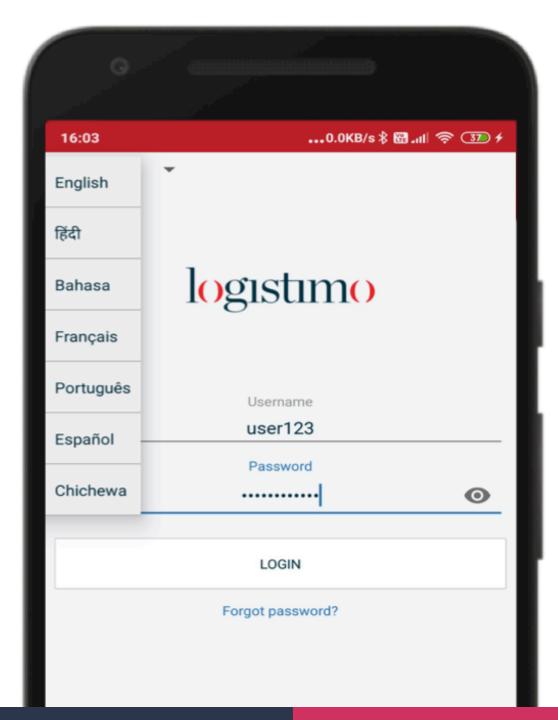


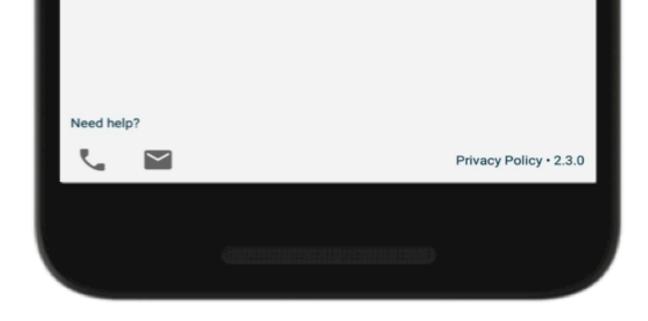


LOGISTICS MANAGEMENT INFO SYSTEM







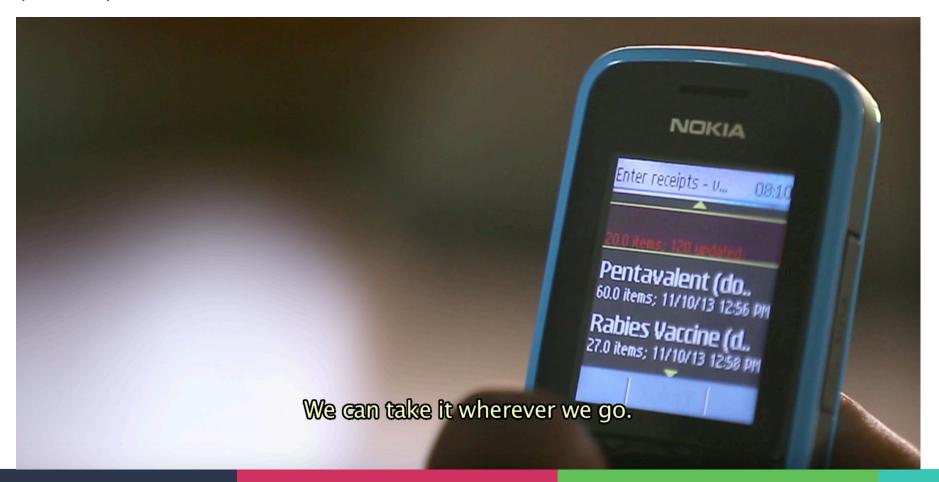


7 LANGUAGES

+2 WEEKS / EACH ADDITIONAL

SEAMLESS ONLINE-OFFLINE EXPERIENCE

Network connectivity or bandwidth should not prevent data collection or decision support for long. Logistimo works seamlessly across WiFi, GPRS mobile internet (3G/4G), as well as SMS and offline modes.

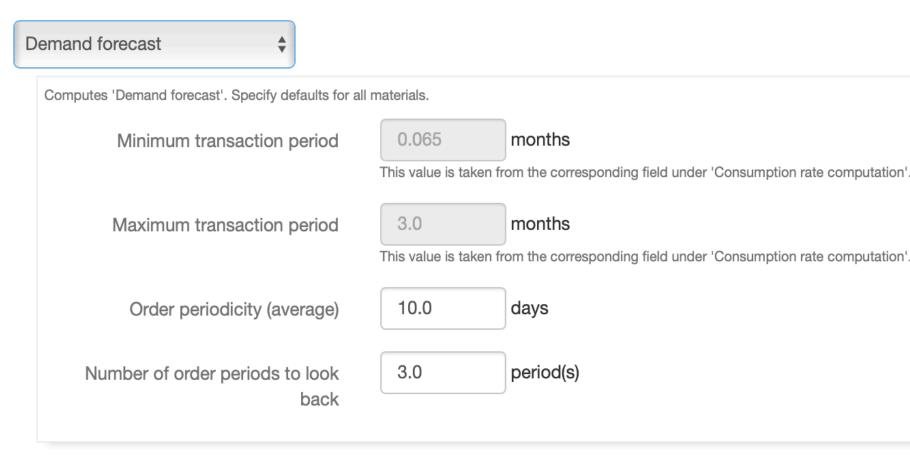




Forecasting & optimization

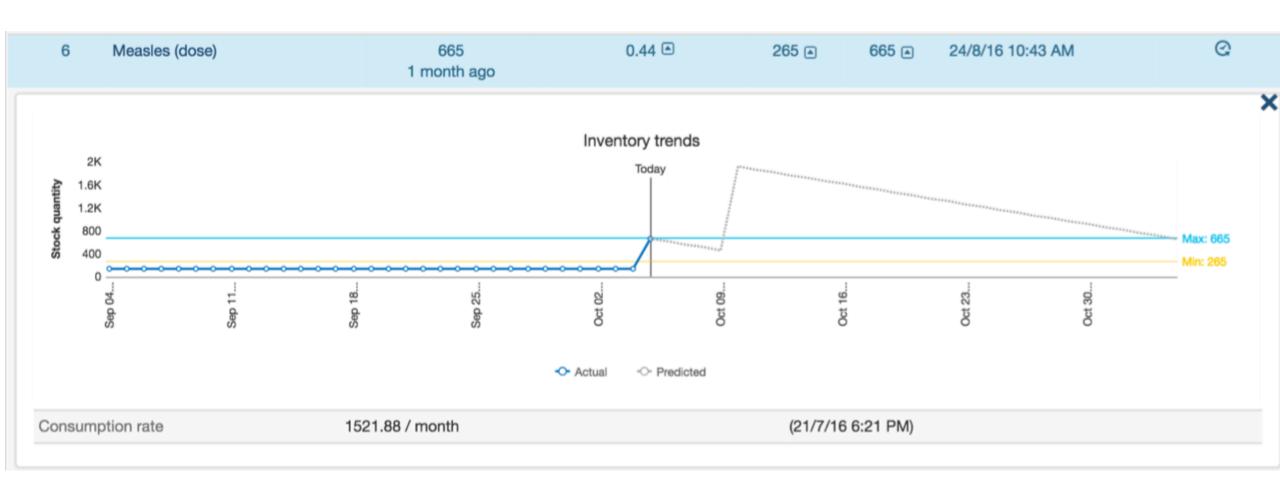
Select the appropriate option for inventory forecasting and/or optimization, and specify relevant parameters.

Computation options



Display Show demand forecast





Available stock Wakiso district s	Months of stock	Quantity	
1792 Stock on hand: 1792 (0,0)	220.51 🗹	470	â
2490 Stock on hand: 2490 (0,0)	245.67 🗨	Recommended: 470 Reason Select reason Outbreak Migrant Movement Supply shortage Others Submit	Reset



1-24 of 24

SI.No.	Material	Stock on hand	Allocated	Available	In-transit	Months of stock	Min.	Max.	Last updated
1	0.05ml A.D Syringes for BCG	1000	0	1000	0	NA	0 🕶	0 💌	11/1/16 7:43 PM
2	0.5ml A.D Syringes	500	0	500	0	NA	0 💌	0 💌	11/1/16 7:43 PM
3	2ml Reconstitution Syringes for BCG	0	0	0	0	NA	0 💌	0 🕶	3/1/16 8:30 PM
4	5ml Reconstitution Syringes for Measles	0	0	0	0	NA	0 🕶	0 💌	3/1/16 8:30 PM
5	Albendazole 400mg	0	0	0	0	NA	0 •	0 💌	3/1/16 8:30 PM
6	BCG (dose)	120	0	120	0	NA	0 🕶	0 💌	29/6/17 3:08 PM
7	BCG diluent (dose)	41	0	41	0	NA	0 🔺	0 🖎	11/1/16 7:31 PM

Batches of BCG diluent (dose)

SI.No.	Batch ID	Manufactured date (dd/mm/yyyy)	Manufacturer	Expiry date (dd/mm/yyyy)	Stock on hand	Allocated	Available
1	350-1	01/01/2015	Ncipd Itd	31/10/2019	18	0	18
2	357-2		Ncipd Ltd	29/02/2020	3	0	3

Expired batches of BCG diluent (dose)

SI.No.	Batch ID	Manufactured date (dd/mm/yyyy)	Manufacturer	Expiry date (dd/mm/yyyy)	Stock on hand	Allocated	Action
1	95-1	01/03/2015	Ncipd Ltd	31/03/2018	20	0	<u>×</u> +



Measles (dose)

Batch ID*	
B92830	
Manufactured date	
Manufacturer name*	

Biopharma

Batch expiry date*

31/12/2021

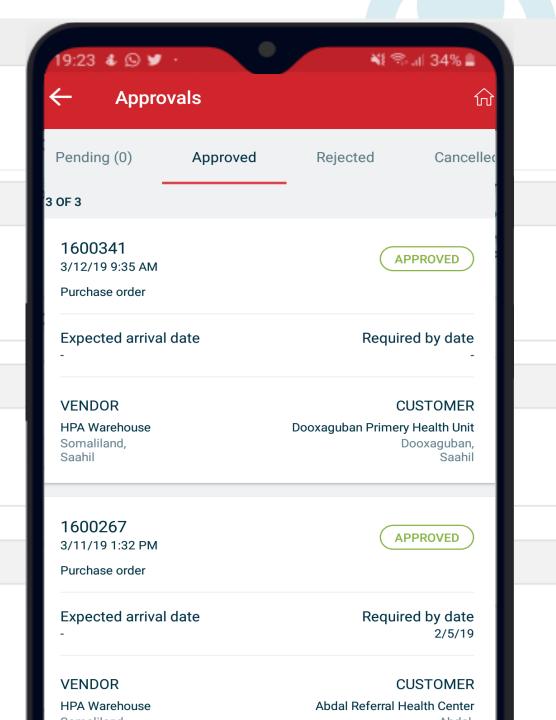
Receipts - Pugo Municipal Warehouse

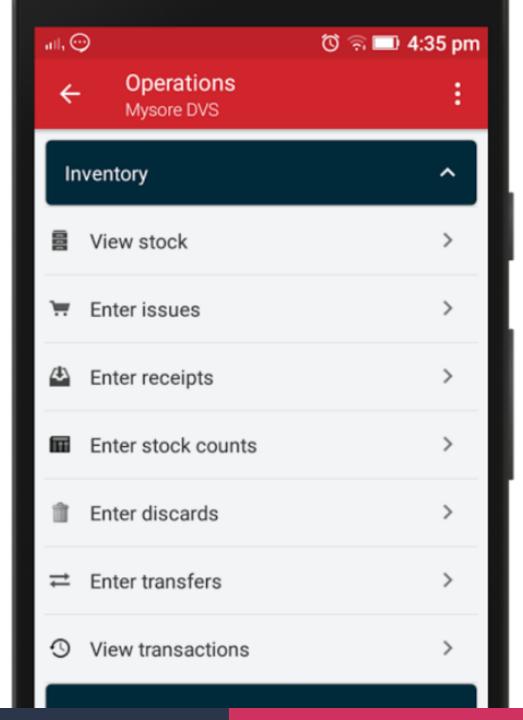
500

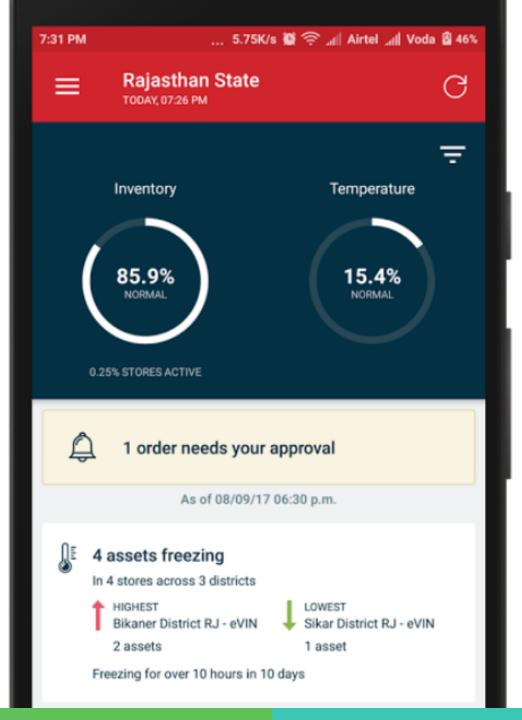
Total available quantity after the operation will be 4160

Status





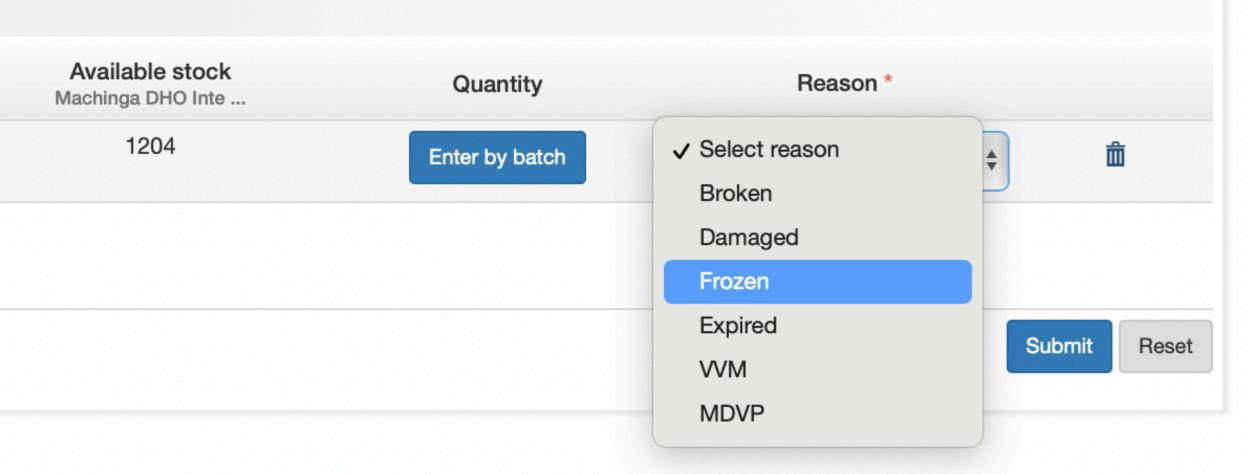




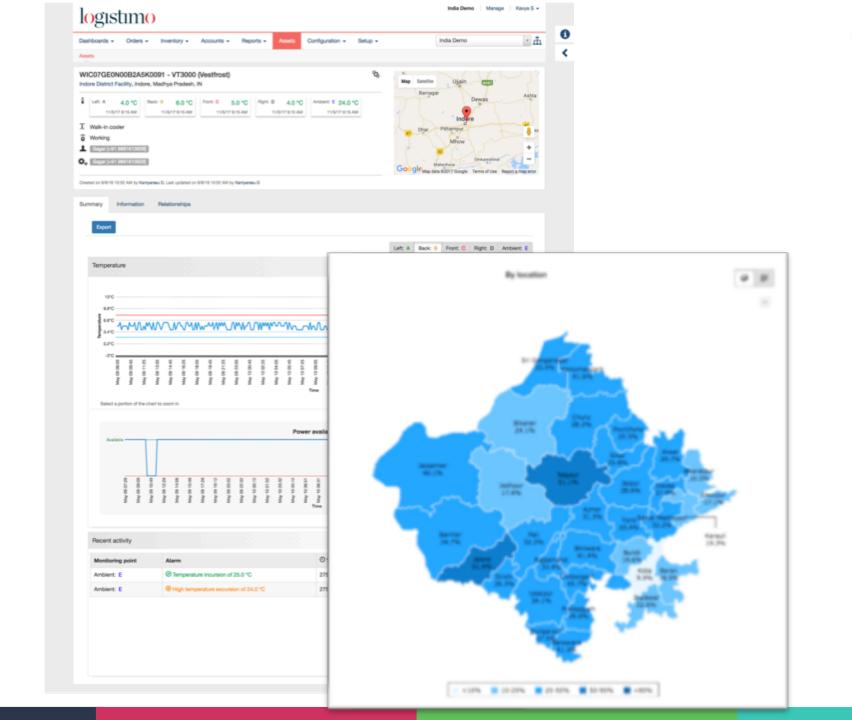




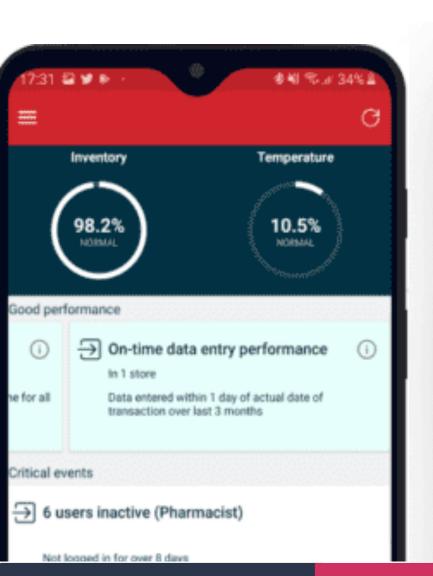


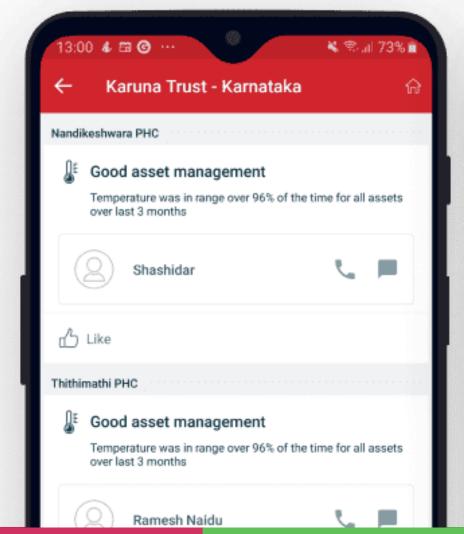


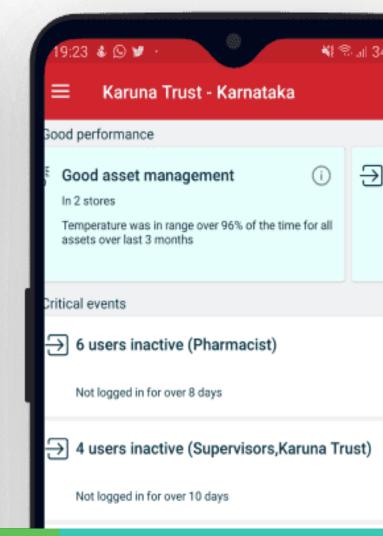
Questions? Email support@logistimo.com Phone 180030101947

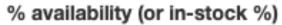


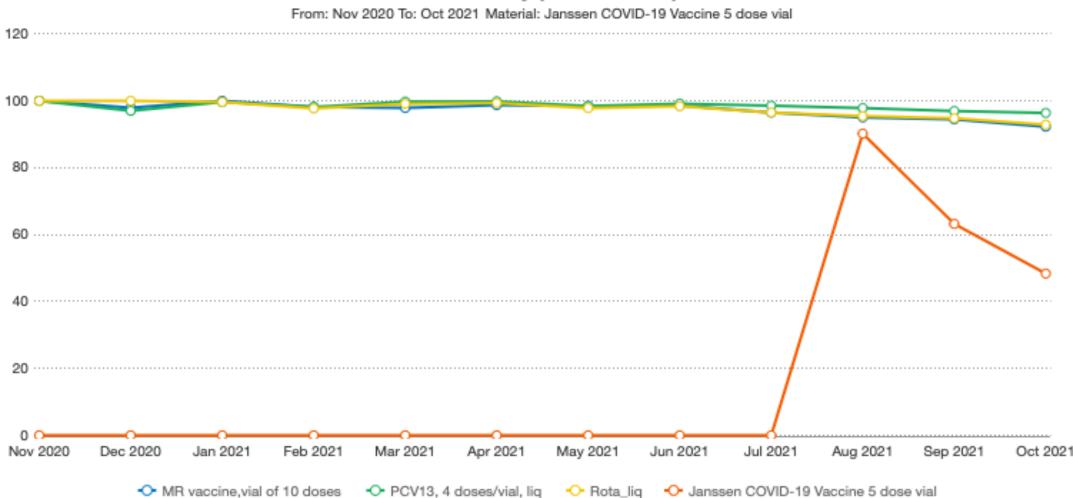










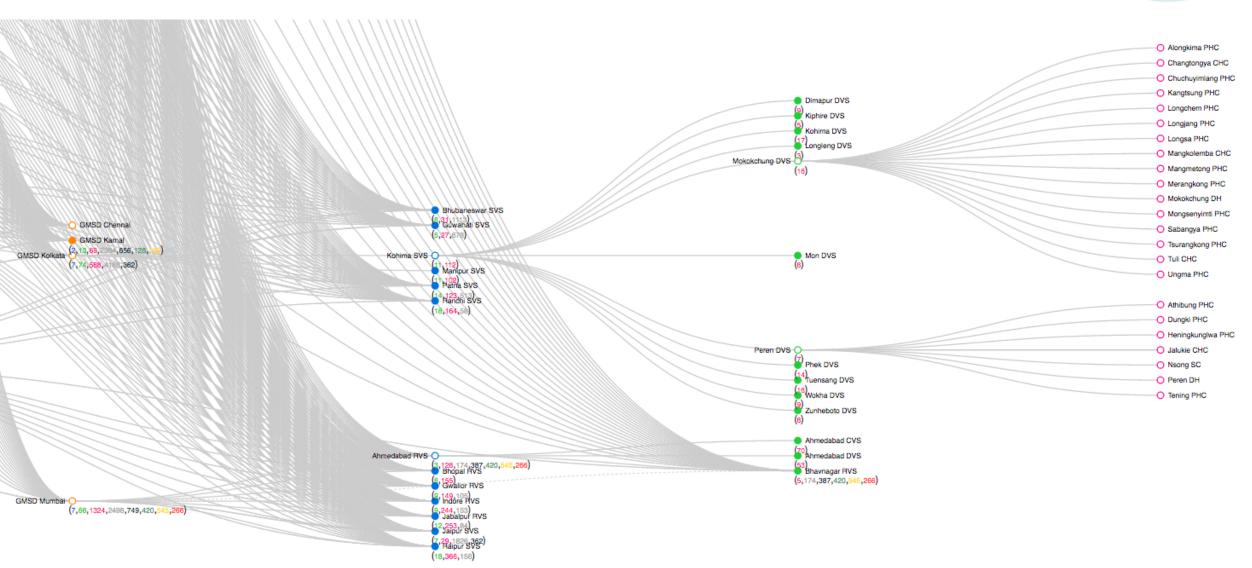


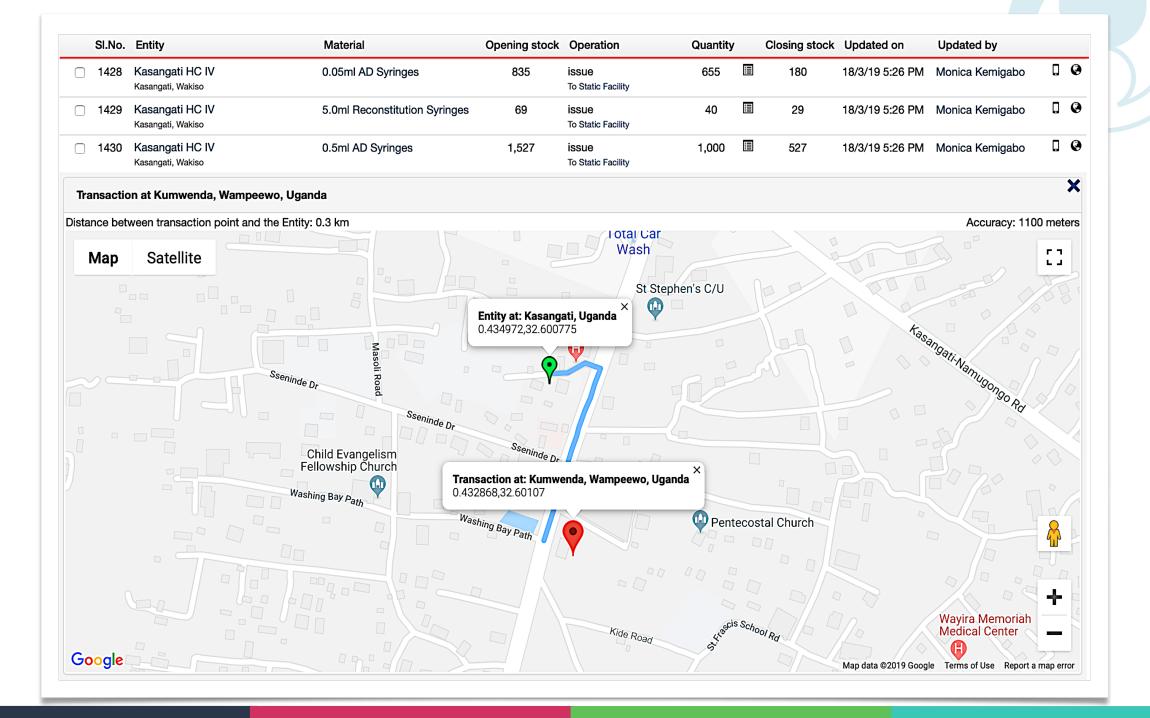
Orders Shipments Inventory Setup Accounts

Assets

Select an event, its associated parameters (if any), and add a notification configuration. Click on an event to view or edit it Add Notifications -- Select event --Edit notification Stock issued Specify the tags to exclude while notifying the event. × OPEN Vials Material tags × Route2 Store tags Specify who should be notified of this event, at what frequency and method (email/SMS). In case of SMS message, also specify the message template with variables embedded in the message, as needed. Whom to notify, at what Frequency? Whom to notify Frequency Immediately (SMS) Monthly (Email) Receiving stores / Owners Daily (Email) Weekly (Email) Immediately (SMS) Daily (Email) Weekly (Email) Monthly (Email) Issuing stores Immediately (SMS) Daily (Email) Weekly (Email) Monthly (Email) Administrators Immediately (SMS) Daily (Email) Weekly (Email) Monthly (Email) Asset owners / maintainers Immediately (SMS) Daily (Email) Weekly (Email) Monthly (Email) Users Enter groups of users by tags × DVSM Enter individual users Enter user names Post on Bulletin board







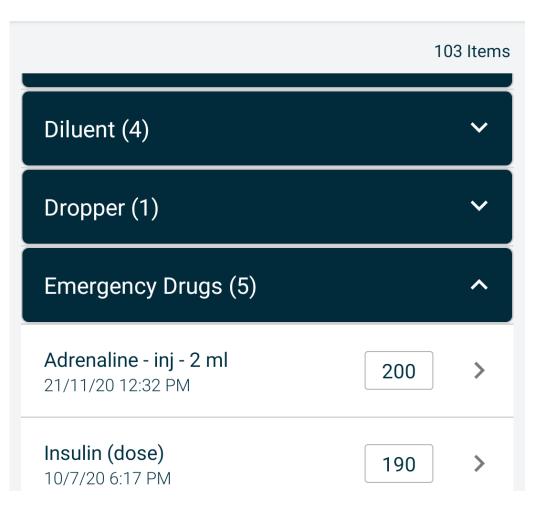


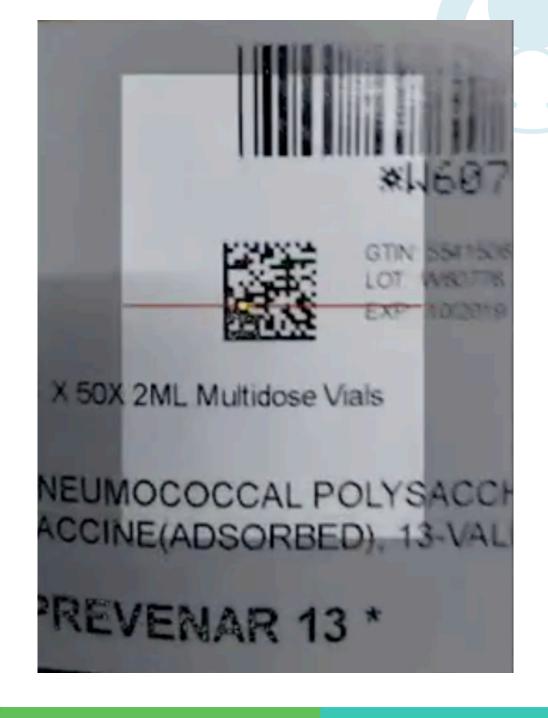




Search materials...









- DHIS2, ERP & OTHER INTEGRATIONS
- LOCAL IMPLEMENTATION PARTNERS
- TYPICAL 2-WEEK KNOWLEDGE TRANSFER; TRAINING DURATIONS VARY SIGNIFICANTLY BY USE CASE; HANDHOLDING POSSIBLE
- HTTPS://WWW.LOGISTIMO.COM/PRICING
- 40% DISCOUNT ON ANNUAL RESERVATIONS



Enabling sustainable behaviors of data recording and use in low-resource supply chains

Arun Ramanujapuram Logistimo Bangalore, Karnataka, India arun@logistimo.com Charan Kumar Malemarpuram
Logistimo
Bangalore, Karnataka, India
charan@logistimo.com

ABSTRACT

Public services, such as public health supply chains, in low- and middle-income countries can be characterized as *low-resource environments*, where both infrastructure and human capacity are limited. There is no strong culture of data recording or use, with ad hoc reporting practices, poor planning and lack of coordination. All these lead to poor supply chain performance, thereby restricting access to medicines, and eventually resulting in poorer health and mortality.

We describe the ground-up design of Logistimo SCM, a supply chain management software, offered as a service, that has enabled a transformative change in public health supply chains, leading to improved performance. Our approach is rooted in bottom-up empowerment of the human value chain, based on the

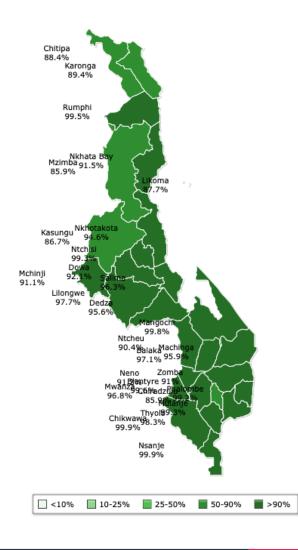
ACM Reference format:

Arun Ramanujapuram, and Charan Kumar Malemarpuram. 2020. Enabling sustainable behaviors of data recording and use in low-resource supply chains. In *Proceedings of ACM SIGCAS Conference on Computing and Sustainable Societies. June 15-17 2020, Guayaquil, Equador, 11 pages.* https://doi.org/10.1145/3378393.3402248

1 Introduction

One third of world's population lacks regular access to essential medicines, and in the poorest parts of Asia and Africa, this figure increases to 50% [27]. To achieve good health outcomes, access to essential medicines and related consumables is crucial. The weakness of public health supply chains has remained a constant barrier across a range of low- and middle-income countries. Despite major investments over many decades, efforts to

MALAWI



- 1466 entities live, to the last mile
- ~3.7M transactions passed per annum
- 2520 commodities across EPI, malaria, TB, HIV, essential medicines, reproductive health & nutrition
- >93% stock availability
- COVID vaccine distribution managed for 2 vaccines
- 14.5M doses tracked
- Bulletin Boards used at National Level/Ministry
- Nationwide rollout to all EPI stores completed within a year; nationwide rollout to non-EPI stores underway.



AUSTINE OMIUNU

EHIN PROJECT COORDINATOR, UNDP MALAWI

JOSEPH MTENJE

EHIN ICT OFFICER, UNDP MALAWI







Electronic Health Information Network (eHIN)

TechNet Presentation 7 Oct 2021





Inventory View stock Enter issues Enter stock counts Enter discards View transactions Orders Profile

System Overview

- eHIN is an innovative, easy to use mobile phone and webbased application aimed at managing and tracking all health commodities at all tiers of health supply chain.
- The application is aimed at improving transparency and accountability while managing health commodities.
- The System in Malawi is being used to manage different programmes that categorise different medicines and medical supplies.
- Currently deployed at over 1,400 entities covering Vaccines and pharmaceuticals



Benefits

- Real time visibility of medicines and vaccines at all levels from last mile to central level
- Track medicines and vaccines by batch and expiry
- Extensive dashboard and reports to help decision making by different stakeholders
- Ability to manage orders from last mile to national warehouses
- Ability to remote monitor temperatures in fridges using temperature loggers that can be monitored using mobile phones.



Challenges

- Some Health workers refusing to use the system because they did not attend the training. The training covered at least 2 people per entity.
- Some health Workers personalizing the use of the mobile phones preventing fellow staff to use the phones.
- Some facilities having completely no network coverage making the health workers to travel to places of network in order to submit data and orders
- Change management







Benefits on COVID19 Vaccine

- Increased visibility of the COVID19 Vaccine
- Better management of the COVID19 Vaccine separated by vaccine type.
- Managed the distribution of vaccines using the ordering process where Vaccine stores see the vaccines shipped to them before the products arrive which improves planning at the facility.
- COVID19 Vaccine were short expiries so system helped redistribute to high usage areas to avoid expiries.







System web address: web.logistimo.com

For more details:

Joseph.Mtenje@undp.org

Austine.Omiunu@undp.org

CONCLUSION



