REAL TIME VOLUME TRACKING USERS GUIDE

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INTRODUCTION

The Real Time Volume Tracking (RTVT) is a web and SMS based warehouse inventory tracking system that utilizes an Android mobile application to capture and transmit warehouse volumes to the RATIN server. The product volumes are relayed to the public through the RATIN website in addition to the SMS query on a cellphone to RATIN SMS number.



RTVT LANDING PAGE

The RTVT landing page is made of three items, a dynamic map, a trend chart and product tables.

The map has place-marks of existing storage facilities. Clicking on any of the location will produce a pop-up screen with the name of a grain storage facility, real-time volumes at the facility, contact information and a link to the facilities page. A link to a detailed map is also placed beside the map.

ACILITIES KENNA TANZANIA UGANDA	Malze Sorghum Reas Green Grams	Wheat flice Mi Pacty Rice Imp	liet Bears orded Rice
Orag mouse to view in detail Click legend to toggle se ()	Mond Bears Red B	eans Vallow Beans	
28	Warehouse	* RTV7 Volume(MT)	Inflow/Outflow
10 10 10 10 10 10 10 10 10 10	Aponya (2) Lot. Kampala See More	辞	-55.00
Uganda O Kenya			

The trend chart is a line graph indicating the total volume for every commodity on each of



The product tables on the landing page provide a snapshot of product flow on the system. Each product is assigned to a tab that lists five warehouses for every product grade. The grading listings are 1 to 4 for wheat while for the other products the grades assigned are 1 to 3.

Grade 1					
Warehouse	* RTVT	Volume(MT)	0 Ir	nflow/Outflow	0
ADMARC Ngara	233		+2	233.00	
Farmers World Kamwendo	-23		-2	3.00	
KNTC Nakuru	681		204.00		
Mulli Brothers-Thuchila	496		+496.00		
Other Warehouses Momabasa	-82		-8	2.00	
arade z					
					_
Warehouse		RTVT Volume(MT)		Inflow/Outflow	0
Warehouse ADMARC Buli	*	RTVT Volume(MT)		Inflow/Outflow +166.00	0
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Warehouse ADMARC Buli Monduli_Makuyuni National Food Reserve Agency_Manyo NCPB Kisii Shabiby_Indivisual Grade 3 Warehouse *	ani RTVT Volum	RTVT Volume(MT) 166 329 273 420 -76 -76	lmflo	Inflow/Outflow +166.00 +329.00 +273.00 +420.00 -76.00	0
Warehouse ADMARC Buli Monduli_Makuyuni National Food Reserve Agency_Manyo NCPB Kisii Shabiby_Indivisual Grade 3 Warehouse ADMARC Kalulu	A RTVT Volum -59	RTVT Volume(MT) 166 329 273 420 -76 ••••••••••••••••••••••••••••••••••••	¢	Inflow/Outflow +166.00 +329.00 +273.00 +420.00 -76.00 -76.00	0
Warehouse ADMARC Buli Monduli_Makuyuni National Food Reserve Agency_Manyo NCPB Kisii Shabiby_Indivisual Grade 3 Warehouse ADMARC Kalulu ADMARC Kalulu	RTVT Volum -59 495	RTVT Volume(MT) 166 329 273 420 -76 ••••••••••••••••••••••••••••••••••••	¢ Infla -59.00	Inflow/Outflow +166.00 +329.00 +273.00 +420.00 -76.00 -76.00	•
Warehouse ADMARC Buli Anduli_Makuyuni National Food Reserve Agency_Manyo NCPB Kisi Shabiby_Indivisual Grade 3 Warehouse ADMARC Kalulu ADMARC Kalulu Asila Millers-Ogalo	▲ RTVT Volum -59 495 -99	RTVT Volume(MT) 166 329 273 42076	¢ Infla -59.00 +495./	Inflow/Outflow +166.00 +329.00 +273.00 +420.00 -76.00 -76.00 -76.00	•
Warehouse ADMARC Buli Monduli_Makuyuni National Food Reserve Agency_Manyo NCPB Kisii Shabiby_Indivisual Grade 3 Warehouse ADMARC Kalulu ADMARC Nkope Asila Millers-Ogalo Kenya Seed Company	▲ RTVT Volum -59 495 -99 476	RTVT Volume(MT) 166 329 273 420 -76 ••••(MT) ♦	¢ Infla -59.00 +495.1 -99.00	Inflow/Outflow +166.00 +229.00 +273.00 +420.00 -76.	•

The warehouses on these tables can be sorted in an ascending or descending manner by clicking on the table headers.

PRODUCT PAGE

The product page has the collective volumes list for each country and links to pages that list cumulative volumes for each product.

LOWS 1. Maize 2. Sorebum	KENYA TANZANIA	UGANDA			
3. Wheat			Sea	arch:	
5. Millet	Product Name	Grade	Available Vo	olume (MT)	0
6. Beans	Green Grams	Grade 1	1.2		
8. Green Grams	Millet	Grade 1	5		
9. Paddy Rice	Sorghum	Grade 2	25.6		
11. Mixed Beans 12. Red Beans 13. Yellow Beans	10 records per page			← Previous 1	Next →

The chart on the individual product page display the volume trend for a given product over a duration of one month while the table below the chart lists all the warehouses stocked with a given product. The table columns include names of the warehouses, real-time volumes, product flow volumes as well as the time that these flows occurred.

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-50 6. May 13. May 20. Copy Print Save	. May 27. M	ıy 3. jun	10. jun 17. j Search:	un	
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-50 6. May 13. May 20. Copy Print Save Warehouse Name Smart Logistics Solutions Ltd	Country (Grade Kenya Grade	ay 8.jun 8 0 RTVT Volume(MT) 2 2 24.1	10. Jun 17. J Search:	Date 2013-05-21	♦ Time ♦ 12:02:10
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WAREHOUSE PAGE

The warehouse page is made of three sections;

- 1. A column with warehouse information,
- 2. A chart indicating the flow of commodities for a period of one month,
- **3.** A table of real-time volumes.

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		Adding.	Grade T	8	+5.220	2012-05-21	11-38-51	
	and a statement					- Harr		
C. Mart		til 👘 records i	10.11486					

RTVT STORAGE FACILITIES LIST

This page lists all the storage facilities. The table items can be sorted alphabetically, according to their RTVT codes, the country they are located or by their storage capacities.

Cloy Drint Save*		0	Search .
Warehouse Name	Country	Staruge Capacity	Warehouse Code
Lesido Grán Handlets Ust	Kerpa	89000	RTVTHE013
Kasheu Multipirpose Colas Boceta	Katya	3100	87V7NE007
Smart Logistics Selucions Uni	Kariya	6000	KTVTHEDTO:
The Gernetz	Karga	2000	RTVTNBU/N
Appropriate (151111) Sampata	Opendie	9000	RTYTOGODY
Ward Rood Program Guis Runchase For Program Warehouse	uganda	6000	RTVTUG008
Agreeways dub can	Oganzia	6350	#TVTGG00#
Event Trading Liganda (201)	Upanda	30000	#Th/TU0005
Maximal Seed Chain Onimers Resonances	Upanda	3000	ETVTUGODE.
81.Shaday General Tracking Company Limited	Upanda	6000	#TVT-40007
to a records per page			A Next

RTVT SEARCH

On this page a user can search the system for storage facilities volumes on specific time. The search results will list warehouses matching the search criteria.

(Halza, H) (Sorghum H)	Excel PDF							1
Country	Warmheisen Name	• (Country)	Capacity(MT)	Ownership	Preshatts			1
KENVA # USANDA #	Aponya (U) Lini, Kampala	Upanola	9000	Environ	Product	Grate	Volume	Bate
Ana: Time Valume (MT)					044120	Giple 1	55	3013-05-21
0-299 MT *	Kashimi Mutspurpeer Celop Seciety	Kerya -	3100	Cooperative	Product	Grade	Volume	Date
1010-04-01					Sorghum	Grade 3	1.5	2013-05-21
End Date	tioners Cognition Saturdarie Littl	Baytya	8000	Private	Product	Grada	Volume	Dato
2015-06-21					Saighure	Grade 2	16.1	20(2-06-21
	Showing 1 to 3 of 3 errories							and the first on
	0							

RTVT SMS

The SMS queries are used to probe the RATIN database for RTVT volumes.

The SMS queries below can be sent to any of the following numbers. +254705606666-Kenya/+256777014800-Uganda/+250786599980-Rwanda.

- Sending a SMS to query the top five warehouses with a given product. The SMS format is: **RTVT PRODUCT** e.g. *RTVT MAIZE*
- Sending a SMS to query the top five warehouses with all product volumes combined. The SMS format will be **RTVT ALL**
- Sending a SMS with a storage facility code to get its contact details and the real-time volume on that facility e.g. **RTVT RTVTCODE** e.g. *RTVT RTVTUG008*

RTVT NEWSLETTER AND REPORTS

The newsletter is generated by the system and sent out to subscribers twice a week on Tuesday and Friday morning. The newsletter lists 5 storage facilities for each of the products listed on RTVT. The facilities are ordered according to the volumes held at the close of business on Monday and Thursday.

RATIN visitors can subscribe or unsubscribe to this newsletter on the RTVT section of RATIN.