



OVERVIEW

FLEXIAUCTION MOBILE ROLLKEEPER is an add-on mobile application that is used offline to capture pricing and bidder information for your vendueroll on mobile devices.

This information is synchronized with FLEXIAUCTION for proper handling

MANUAL VENDUEROLL DISCLAIMER

FMROLL is provided for faster capturing of the vendueroll, you are however still required to keep a proper paper and/or audio/video vendueroll for auditing purposes. We will NOT accept ANY liability for ANY errors/malfunction in this regard. FMROLL should be viewed as your secondary mechanism for capturing your vendueroll. IF YOU DO NOT ACCEPT THESE TERMS, PLEASE DO NOT USE FMROLL

PWA WARNING



This product was developed as a Progressive Web App (PWA), allowing it to seamlessly function on any device with a compatible browser. It however still is a website, it just looks and feels like a native app, but with the ability for local storage (offline operation) when installed on a mobile device.

PWA's is platform independent, so it will work on any platform on most modern browsers.

PWA use the browser cache to store the information you captured, this information will be lost when you clear the browser history, clear your site settings, or reconfigure your browser.

TREAT ALL CAPTURED DATA ON THE DEVICE AS TEMPORARY. ALWAYS TRY TO SYNC WITH THE FH SERVER AS FREQUENT AS POSSIBLE TO AVOID ANY DATA LOSS.

Do NOT clear your browsing history, change site settings, uninstall the PWA or update your device or update your browser app while you have outstanding captured data that is not synced with the FH server yet.

FMROLL Installation on device

- Open the browser on your mobile device
- Browse to app website
www.flexiauction.com/fmroll
- Page will open
- You will be prompted to "INSTALL" it (*wording might differ*)
- After installation an icon will be created to access the PWA

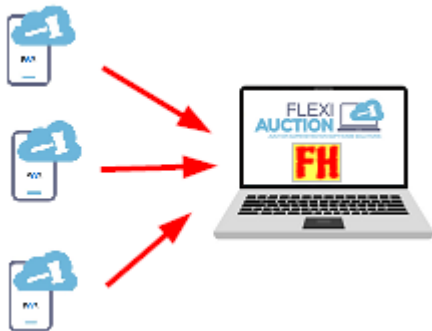
If you do not get the option to "install", try to clear your browsing history, reset site settings, or uninstall the previous version of the PWA if it was installed. (*Use with care*).

If the PWA is not installed on the device, you will NOT be able to use it offline.

FLEXIAUCTION HELPER PREREQUISITES



Each FlexiAuction laptop will have a companion application installed named FLEXIAUCTION HELPER (FH). FH must be configured to operate correctly. (Host, Datastore, FQDN, SSL, Settings, etc.) FH will receive and process ALL communication from the PWA mobile devices.



FLEXIAUCTION HELPER CONFIGURATION

This function will usually be configured by our Helpdesk.

- ✓ Update FH to newest version (click logo > admin > Update FH)
- ✓ Download SSL DLLs (click logo > admin > GET SSL DLLs)
- ✓ Download SSL CERT (click logo > admin > GET SSL CERT)
Please note that we use free wildcard certificates issued by LetsEncrypt.
These certificates need to be renewed every 3 months.
The most recent certificates will always be on our website, accessible with "GET SSL CERT"
Please check your browser for expiry date (click logo > TEST > click the lock icon in browser for details)
- ✓ Download CSP (click logo > admin > GET CSP)
- ✓ Set FH.INI file to correct settings (click logo > Edit INI) and save it when done:
- ✓ Configure FH.INI \ HostFXA to your correct FQDN and port e.g. "auc100.fxapc.xyz:8080"
- ✓ Configure FH.INI \ DoFMROLL to "Y" to be ticked automatically on start.

Please check the expiry date of your SSL certificates regularly to ensure renewal

Secure communication



As industry standard and PWA requirement all communication between the PWA and FH must be handled in a secure and encrypted manner, as such it will require that SSL is enabled on **ALL** devices.

All the devices on the network should be able to access FH by a fully qualified domain name (FQDN)

E.g. Laptop running FlexiAuction and FH with hostname "**AUC100**" with IP **192.168.1.100**





ALL the devices on your network should be able to resolve the IP address 192.168.1.100 to,

or access AUC100 by a the FQDN "**auc100.fxapc.xyz**"




Please contact your network technician to set this up properly.



Ensure that all devices are on the same network. Ensure that FH is running on the target laptop.

 <p>On all the Windows laptops/computers</p>	<ul style="list-style-type: none"> • Open NOTEPAD • Open C:\Windows\System32\drivers\etc\HOSTS • Add entry with IP address and FQDN, e.g. "192.168.1.100 auc100.fxapc.xyz" • Save the file • Open the PWA on desktop browser and TEST with "auc100.fxapc.xyz"
 <p>On Android mobile devices:</p>	<ul style="list-style-type: none"> • Goto Google Play Store • Find and install "(no root) HOSTS GO" then run it.  <ul style="list-style-type: none"> • Open "Hosts Editor" • Add entry with IP address, e.g. "192.168.1.100" and DOMAIN, e.g., "auc100.fxapc.xyz" and save it. • Click "START" • Open the PWA on mobile browser and TEST with "auc100.fxapc.xyz"
 <p>On iPhone, iOS or Apple devices:</p>	<ul style="list-style-type: none"> • We do NOT support these devices, please contact your network technician to set this up properly. • "DNSCloak" and "Adguard" was suggested as possible solutions

Flexiauction Integration

 <p>Run FLEXIAUCTION. Create and activate your EVENT as normal Capture your vendueroll as normal Do Buyer Registrations as normal Click the top-centre logo, Click "START FXA HELPER"</p>  <p>Ensure that "FmRoll" is ticked Select the target event Click START</p>	
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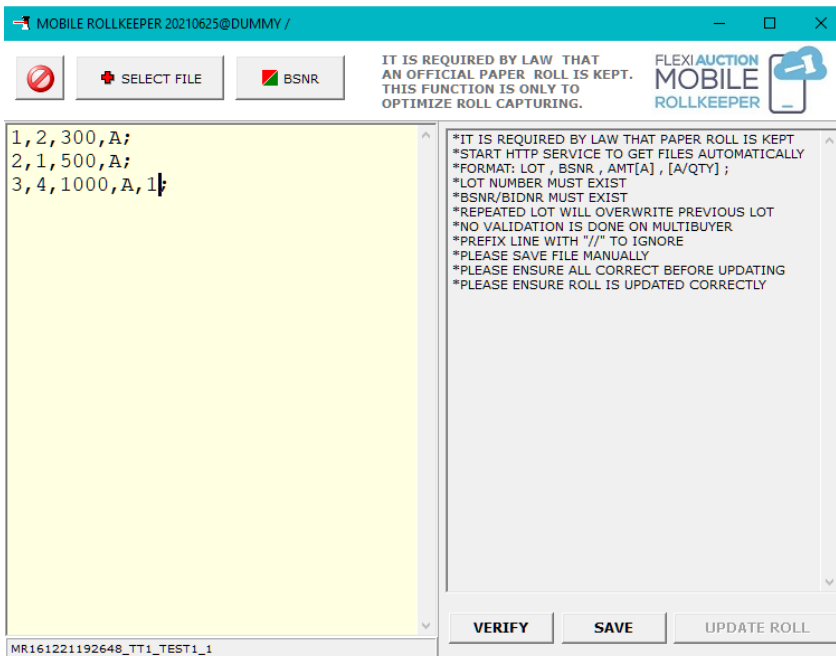
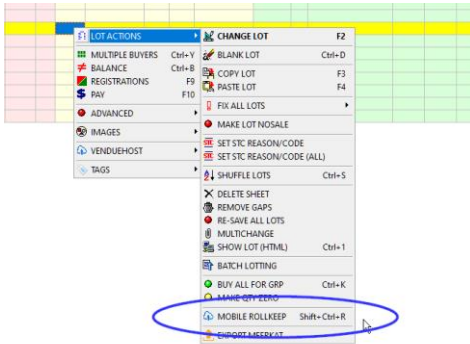
As the auction progress the mobile clerks will use their devices to capture the vendueroll data, and "Sync with FH Server" periodically

FH will now "listen" and process all incoming sessions from devices and do the following for each:
 Save the captured roll in
 C:\FXA\MROLLKEEP\MR<date serial>_<provided heading>_<device>_<event>.TXT
 e.g. C:\FXA\MR250122154808_MKMM_TEST1_1.txt

FMROLL operating offline WITHOUT any knowledge of your lots or bidders (i.e., it is two independent systems)

Auction Types	Used for pre-lotted auctions (stud, vehicle, loose) only. FMROLL will <u>not</u> work for calendar livestock auctions where capturing is done in the auction ring
Lot numbers	Must be numeric. FMROLL operating offline WITHOUT any knowledge of your lots. LOT number should already exist at time of upload, as lot is not validated on the PWA.
Bidder numbers	Must be numeric. FMROLL operating offline WITHOUT any knowledge of your bidders BSNR should already exist at time of upload, as bidder s not validated on the PWA.
Limits	You can use FMROLL to capture and upload the vendueroll on ANY number of devices, The FlexiAuction clerk will control what is synced into FlexiAuction. e.g., "a backup roll-keeper" For uninterrupted operation, you can capture on multiple devices, and swaps phone often, this will also apply in case you are off-line at capturing stage. (e.g., not in WIFI range)

In FlexiAuction right-click vendueroll > LOT AUCTIONS > MOBILE ROLLKEEPER






Click "SELECT FILE" to select all uploaded vendueroll sessions
 You can manually make changes for this session (e.g., remove duplicated, prefix with "/" to ignore, add manual lines, etc)

LOT that is repeated will override the previous lot
 LOT entries prefixed with "/" will be ignored
 Click BSNR to quickly register buyers without leaving this form




Click VERIFY to ensure that the session is correct
 Click SAVE when done
 Click UPDATE ROLL to update the vendueroll with session
 PLEASE Ensure vendueroll is updated correctly
 Repeat until finished

FMROLL Operation

Home screen

<u>Home Page</u>	
On the main screen you will be presented with three options	
	Here you will capture the values for the vendueroll
	Display a list of the captured values
	Synchronize the captured values to a FH Server to be processed in FLEXIAUCTION. The list will be cleared when sent successfully.

FLEXIAUCTION FMROLL ver 22.1.1.a.beta


LOT

BNR

AMT itm/alt

QTY ALL ALL

[+] ADD TO LIST

FLEXIAUCTION MOBILE ROLLKEEP 

FMROLL usage requirement : Please keep a paper/audio vendueroll for auditing purposes !!

HOW TO CAPTURE A LOT

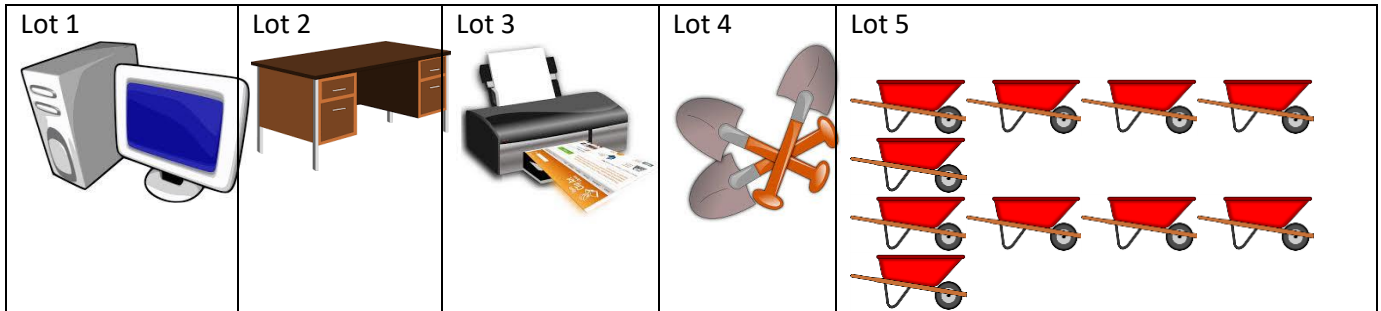
Click



Example LOT 100, BUYER 10, AMOUNT R1000

<p>Enter "1" into the TextBox, then click</p> <p>LOT</p> <p>for the "1" to be assign to the LOT number</p>	
<p>Enter "10" into the TextBox, then click</p> <p>BNR</p> <p>for the "10" to be assign to the BIDDER number</p>	
<p>Enter "1000" into the TextBox, then click</p> <p>AMT</p> <p>for the "1000" to be assign to the AMOUNT price.</p>	
<p>Ensure that all values is correct, then click</p> <p>[+] ADD TO LIST</p> <p>The captured value "1,10,1000,A" Will be added to the LIST</p>	
<p>Click</p> <p>To view the LIST Double-click or click "//" to toggle the "//" prefix. Items prefixed with "//" will be ignored. If an item was captured incorrectly, just re-capture it, As is will override perevious list item.</p>	
<p>REPEAT FOR A FEW LOTS AND A TIME -BUT- YOU SHOULD SYNC WITH THE FH SERVER AS REGULAR INTERVALS TO ALLOW FOR THE CLERK TO UPDATE THE VENDUEROLL IN FLEXIAUCTION</p>	
<p>Click</p> <p>From this Window we will be able to upload all captured lots on this device to the FH SERVER Enter all the applicable connection information Ensure that you do enter a meaningful HEADING for the clerk to identify this session. Click "Test" to confirm the connection is working. If the connection is working you will receive a "result: OK" indicator. Click "SYNC WITH FH SERVER" to upload the captured data to the server.</p>	

EXAMPLE



[dropdown] \$ PAY F10 REG F9 20220103@LOCAL - LOCAL 03/01/22

SHEET#	LN	LOT	SELLER	S>	BUYER	B>	QTY1	TYPE1
1	A	1	S1	SAREL OWNER SELLERBO	NS	NOSALE	1	COMPUTER
1	B	2	S1	SAREL OWNER SELLERBO	NS	NOSALE	1	DESK
1	C	3	S1	SAREL OWNER SELLERBO	NS	NOSALE	1	PRINTER
1	D	4	S1	SAREL OWNER SELLERBO	NS	NOSALE	1	SPADES X 3
1	E	5	S1	SAREL OWNER SELLERBO	NS	NOSALE	10	WHEELBARROW
1	F							
1	G							

REGISTRATIONS (20220103@LOCAL)

BSNR	CUSTOMER	CUSTOMER NR	NOTE
1	TOM		
2	DICK		
3	HARRY		
4	SALLY		
5	JACK		
6	JILL		

We Want the Lots sold as follows

LOT	BUYER	PRICE
1	1	R 100
2	3	R 200
3	2	R 500
4	4	R 150 for all 3 spades / R50 each
5	3	R100 for x 5
	2	R100 for x3
	4	R120 for x2

SHEET#	LN	LOT	SELLER	S>	BN	B>	AMTb	QTY1	TYPE1
1	A	1	S1	SAREL OWNER SELLERBO	1	TOM	100.00	1	COMPUTER
1	B	2	S1	SAREL OWNER SELLERBO	3	HARRY	200.00	1	DESK
1	C	3	S1	SAREL OWNER SELLERBO	2	DICK	500.00	1	PRINTER
1	D	4	S1	SAREL OWNER SELLERBO	4	SALLY	150.00	1	SPADES X 3
1	E	5	S1	SAREL OWNER SELLERBO		NOSALE	0.00	0	WHEELBARROW
2	A	5.1	S1	SAREL OWNER SELLERBO	3	HARRY	100.00	5	WHEELBARROW
3	A	5.2	S1	SAREL OWNER SELLERBO	2	DICK	100.00	3	WHEELBARROW
4	A	5.3	S1	SAREL OWNER SELLERBO	4	SALLY	120.00	2	WHEELBARROW



Session Result

FORMAT: LOT , BSNR , AMT[A] , [A/QTY] ;

where

values is separated by a comma and the line terminated with a semicolon.

1, 1, 100, A;	
2, 3, 200, A;	
3, 2, 500, A;	
4, 4, 150A, A;	Note 150A, the "A" denotes the price is for ALL items
5, 3, 100, 5; 5, 2, 100, 3; 5, 4, 120, 2;	Multibuyer Please note that the quantity is stated (not like "A" for others)

LOT	LOT is the LOT number
BSNR	BSNR is the bidder number
AMT[A]	<p>AMT is the bid amount/price</p> <p>This amount is always assumed to be for EACH item, -but- if this is the price for ALL items in the lot, then "A" as postfixed. e.g., LOT 3: R150 for all 3 spades in that lot (i.e. R50 each)</p> <p>click</p>  <p>To toggle between "itm" (price for each) or "all" (price for all)</p>
[A/QTY]	<p>The Quantity of items contained in this lot</p> <p>You do NOT need the enter the quantity, as ALL the items in the lot is ALWAYS assumed implicitly, you will only capture the quantity if there is multiple buyers taking different quantities</p> <p>E.g., LOT 5: three different bidders bid on the wheelbarrows</p> <p>Please note that if no quantity is stated, "A" is used for the value (meaning "ALL"), Else if the quantity is stated, that quantity will be stated.</p> <p>Do not use decimal values, as FLEXIAUCTION does not use it for QTY</p> <p>click</p>  <p>To reset to ALL</p>

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Thank you. WIHAN KOTZE. 26.1.22.a