



OVERVIEW

FLEXIAUCTION MOBILE ARRIVAL is an add-on mobile application that is used offline to capture customer information, documentation and goods as they arrive at the auction on mobile devices.

Clerk will be able to capture for all customers that arrive at the auction:

- ❖ BUYERS, all required information and documentation for registration.
- ❖ SELLERS, all required information and documentation for registration and the goods presented.

This information is synchronized with FLEXIAUCTION for proper handling

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.

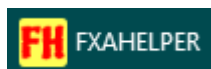
FMA Installation on device

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

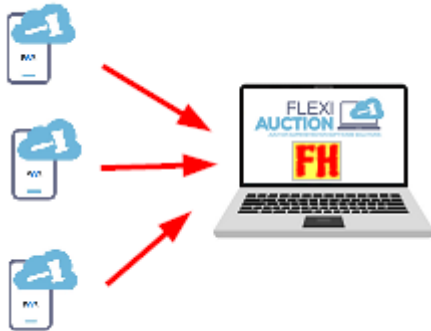
If you do not get the option to "install", try to clear your browsing history, reset site settings, or uninstall the previous version of the PWA if it was installed. (*Use with care*).

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 \ DoFMA to "Y" to be ticked automatically on start.
- ✓ FLEXIAUCTION Warehouse must be initialized first (FlexiAuction > Tools > Receive @ kraal)
- ✓ Livestock reports must be initialized first
(FlexiAuction > Reports > Global > ExecWHLivestock.rep > any parameters > Run)

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.



On all the **Windows** laptops/computers

- 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"



On **Android** mobile devices:

- Goto Google Play Store
- Find and install "(no root) HOSTS GO" then run it.






- 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"







On **iPhone, iOS or Apple** devices:

- 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</p> <p>Click the top-centre logo, Click "START FXA HELPER"</p>  <p>Ensure that "FmA" is ticked Select the target event Click START</p>	
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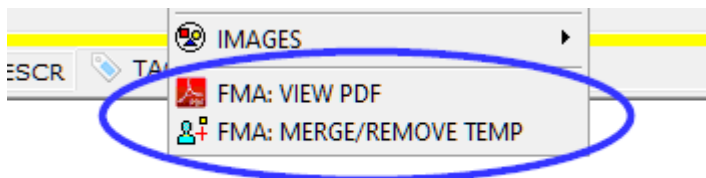
FH will now "listen" and process all incoming arrival sessions from devices and do the following for each:

	Temporary customer is created Prefix will be "G-" and supplied name and details will be used for fields.
	Registration BSNR record is created Provided M/K/R code is used and linked to above customer.
	If any goods were received, this good is added to the Warehouse / Recieve@kraal as Goods Received.
	A PDF file will be created containing summary of captured information. Folder c:\fxa\fh_fm@\event



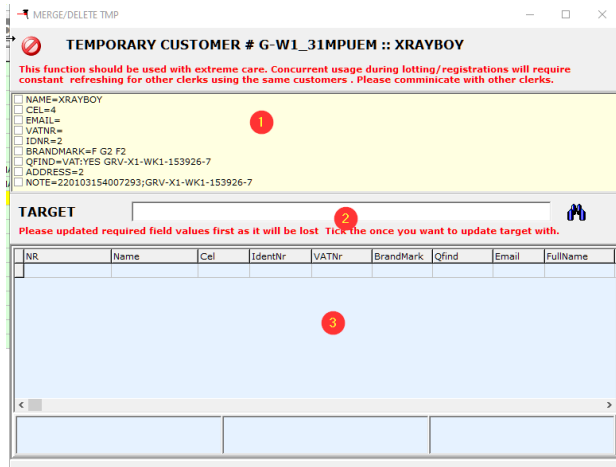
Use this arrival data in FlexiAuction

Right-click in TOOLS > Warehouse/Recieve@kraal
-or -
Click Registrations [REG F9]



FMA: VIEW PDF	View the PDF generated with arrival details
FMA: MERGE/REMOVE TMP	Link to actual customer in database

Link customer



- (1) See temporary arrival customer details on top (double-click to copy to target field to find on that field)
- (2) select actual TARGET to link temporary customer to
- (3) See list of matches.

If there is no matching customers, your temporary customer is a new customer, and no additional steps is required, Else

Update target from TEMP – will replace all fields of Target with ticked fields above
MERGE TEMPORARY WITH THIS TARGET to update merge (Temporary will disappear)

FMA Operation

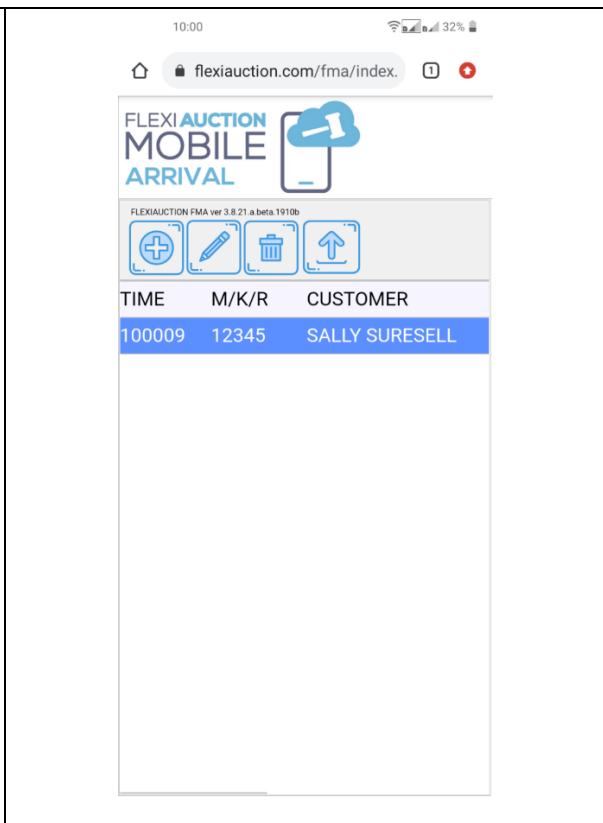
Home screen

Home Page

On the main screen you will be presented with the list of arrivals that is already captured on this device.

TIME	Unique timestamp code (format "HHMMSS") for this arrival
M/K/R	The mark/kraal/Reg nr/code used for this arrival. This will be mapped to the BSNR in FlexiAuction.
CUSTOMER	Name captured for customer

	Add a new arrival to the list
	Change the selected arrival
	Remove selected arrival from the list
	Sync all arrivals to FLEXIAUCTION and remove it from the list here when sent successfully.



Capturing arrival details

CUSTOMER INFO

To capture new details the following steps, need to be followed:

Press the




button to open a window to start capturing data.

From this window First capture the


- “MARK/KRAAL/REG” (Required)
- NAME (Required)
- CEL
- IDENT NR
- NOTE (optional any additional notes)
- VAT STATUS

Please note that if you duplicate/repeat and existing “M/K/R”, all the customer information will be ignored, only the goods will be added. (i.e., 2nd truck same seller) and M/K/R linked to existing BSNR

Click  to move to the next screen.

CUSTOMER BRANDMARK/AIN

From this page you will be able to capture the Animal Brandmark of the customer. Click on the appropriate “hand” icon to show that symbol chart, then select the appropriate symbol from the list of symbols. Repeat this for the 2nd and 3rd brandmark symbol.

Click  to move on to next screen.

GOODS RECEIVED FROM SELLER

On this screen you will be able to create multiple lines for all the goods presented by the sellers.

This is only applicable to sellers, if you are capturing s a buyer, you may skip this section as there is no goods.


Press



to add goods:

- Select TYPE
- Enter QTY (mixed/not classed) or enter specific Male, Female and + quantities then press next
- Enter Mass. Select per Animal or total for all then press next.
- Enter T1, T2 and L68 markings.
- Click Save

After an Item has been created it will be added to the list. More items can now be added. Click appropriate EDIT and REMOVE icons to removed or amend items in the list.


click  to move on to next screen.

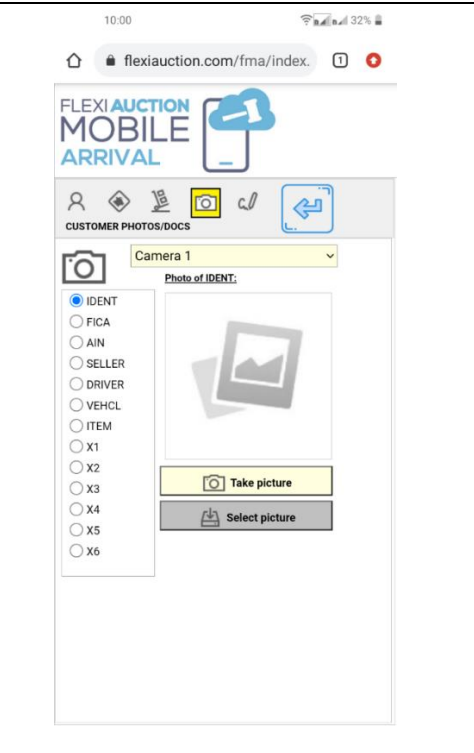


CUSTOMER PHOTOS/DOCS

From this Window we will be able to capture Images and take Photos.

From the grid of the left select which type of image you wish to capture. After selection you can choose either to take a picture or to select a picture from file.

Click  to move on to next screen.



CUSTOMER SIGNATURE

From this screen we will be able to capture the customer signature.

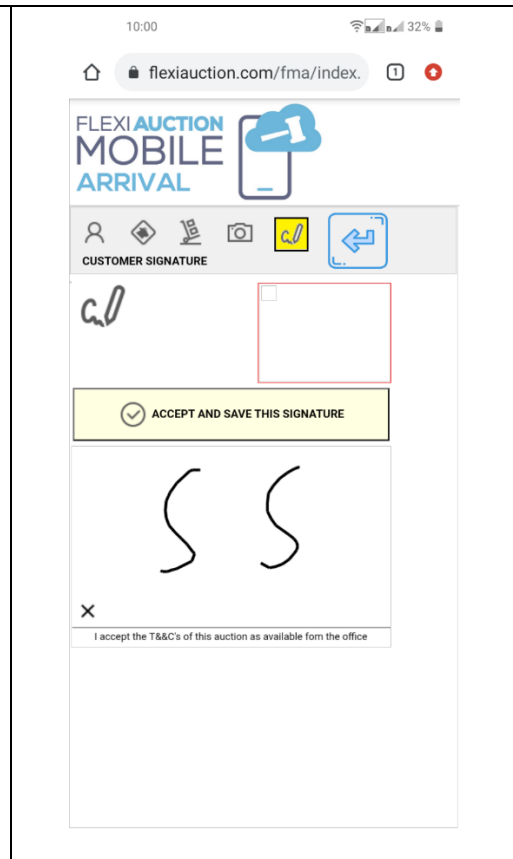
The seller can enter his/her signature in the white block in the middle of the screen. Once capturing is complete press "ACCEPT AND SAVE THIS SIGNATURE" to save the signature.

Please note that once the signature is captured it cannot be edited.

Click



To navigate back to the main list.



Upload arrivals to FH SERVER

SEND TO FH SERVER

From this Window we will be able to upload all arrivals captured on this device to the FH SERVER

Enter all the applicable connection information

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 in batches of 10. (Repeat if there is more arrivals)

Once successfully uploaded, the arrivals will be deleted from the list.



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Thank you. WIHAN KOTZE. 26.1.22.a