



OVERVIEW

FLEXIAUCTION MOBILE SIGNATURE is an add-on mobile application that is used to capture the customer signature for an issued invoice on a mobile device.

This capture signature image is sent to FlexiAuction to be saved as a separate PDF.

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.

FMSIGN Installation on device

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

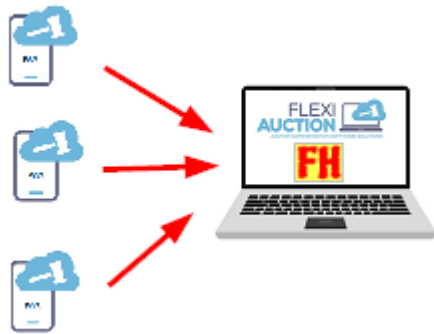
If you do not get the option to "install", try to clear your browsing history, reset site settings, or uninstall the previous version of the PWA if it was installed. (*Use with care*).

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

FLEXIAUCTION HELPER PREREQUISITE



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 \ DoFMSIGN 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	<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"
 On Android mobile devices:	<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"
 On iPhone, iOS or Apple devices:	<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




Run FLEXIAUCTION.
Create and activate your EVENT as normal

click the top-centre logo,
click "START FXA HELPER"



Ensure that "FmSIGN" is ticked
Select the target event
Click START





Browse to the PWA.

Fill in the correct connection information and click TEST to ensure that there is a connection to the mobile device

HTTPS SERVER	PORT	
<input type="text" value="https://www.flexiauction.com"/>	<input type="text" value="* 8080"/>	
DEVICE#	PASSCODE	EVENT
<input type="text" value="12345"/>	<input type="text" value="●●●●"/>	<input type="text" value="1"/>
<input type="button" value="TEST"/>		

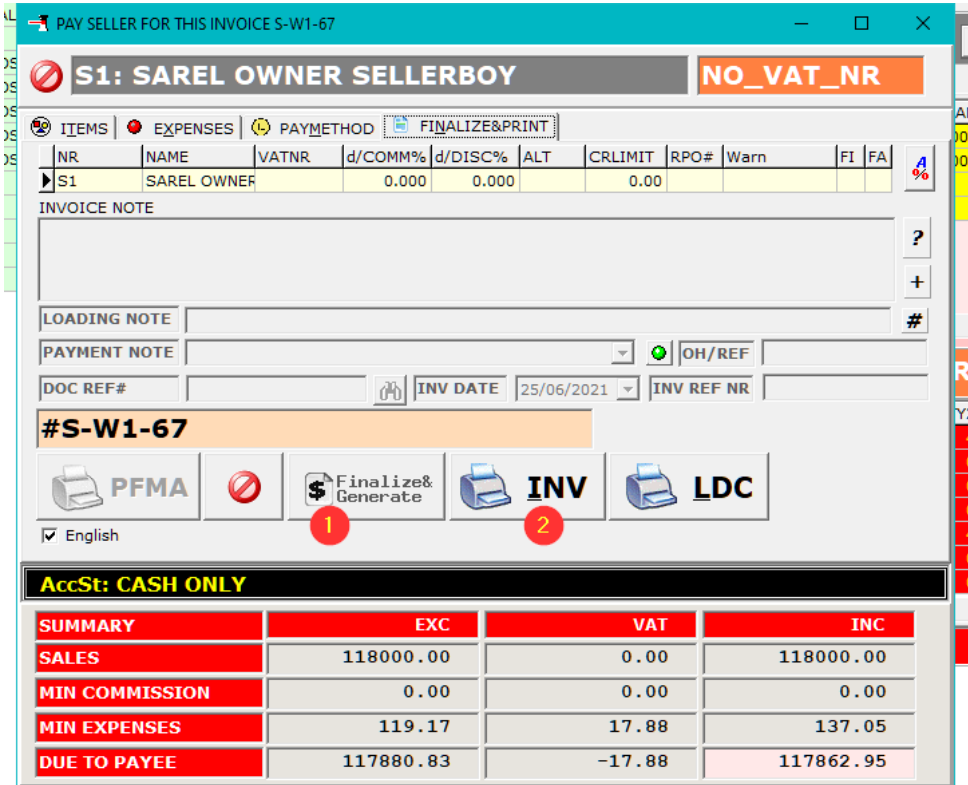
If the connection is working you will receive a "result: OK" indicator.
The device is now ready for interaction

Click



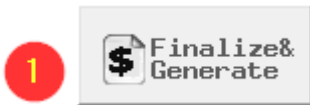
To go to the signature section

The clerk will invoice the customer in FlexiAuction as normal.

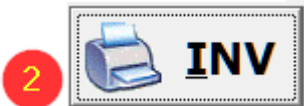


NR	NAME	VATNR	d/COMM%	d/DISC%	ALT	CRLIMIT	RPO#	Warn	FI	FA
S1	SAREL OWNER		0.000	0.000		0.00				

SUMMARY	EXC	VAT	INC
SALES	118000.00	0.00	118000.00
MIN COMMISSION	0.00	0.00	0.00
MIN EXPENSES	119.17	17.88	137.05
DUE TO PAYEE	117880.83	-17.88	117862.95



On Payment screen click "Finalize & Generate"

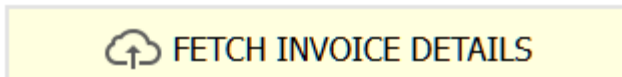


On Payment screen click "INV" to generate the invoice
Hand invoice to customer

Do NOT close the payment window



Click



The details for the transaction (invoice number, date, amount and customer name) will be displayed in a red font on the device.

Hand the device to the customer and ask him/her to sign on the device.

The customer will sign in the rectangle area on the screen and hand the device back to the clerk.

FETCH INVOICE DETAILS

#S-W1-67 20/01/22-17:33
R117,862.95 ;SAREL OWNER
SELLERBOY

X
Sign here

SEND SIGNATURE TO FH SERVER

Click

SEND SIGNATURE TO FH SERVER

The signature image will be sent back to a "listening" FH to process the request and create a PDF in C:\FXA\fh_fmsign\

Close the payment screen



The signature PDF can be viewed in VIEW INVOICES

VIEW INVOICES

INV NO: S-W1-67 DATE: 20/01/2022
CUST: S1 TO: 20/01/2022
EVENT: 20210625@DUMMY AMOUNT: #Sc
DESC: With NOTPD's

INVR	DATE	PAIDNR	PN>	VATNR	AMOUNT DUE	SKIP	EXPORTED	REFDOC	#p	EXTRA INFO
S-W1-67					117,862.95				1	NO_VAT_NR

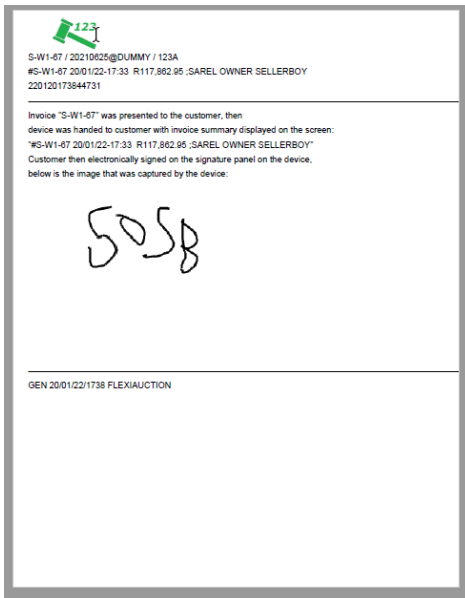
Summary table:

	VAT	INC
SALES	0.00	118,000.00
COMMISSION	0.00	0.00
EXPENSES	17.88	137.05
DUE	-17.88	117,862.95

Context menu options for S-W1-67:

- EMAIL INVOICE via SMTP (old)
- SEND INV via OUTLOOK (new)
- SEND SMS
- BULK Actions
- Print LoadCert
- EFICSV Admin
- Audit invoices
- View
- Toggle Exported (F6)
- Set Exported
- TOGGLE "SKIP" (F10)
- Attempt auto SKIP
- EVENT EXPENSES/INCOME
- View Signature PDF**
- CHANGE PAYMENT (F12)
- Show Inv NOTPD
- CHANGE COSTCENTRE
- DELETE INV (F11)
- RENAME INV (F11)

Right-click and select "VIEW SIGNATURE PDF"



PDF AGGREGATION DISCLAIMER

The PDF documents that is created in C:\FXA\ fh_fm sign \<event> will NOT be aggregated. It is kept in that folder, each FlexiAuction laptop only have the PDF's generated by that laptop. It is your responsibility to copy these files to a safe and central location for safe storage.

Notes

Please contact us to change your invoice templated to reflect the signature add-on.
E.g., "Signed electronically, contents available in separate PDF"

Support at standard FlexiAuction rates and T&C's

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Thank you. WIHAN KOTZE. 26.1.22.a