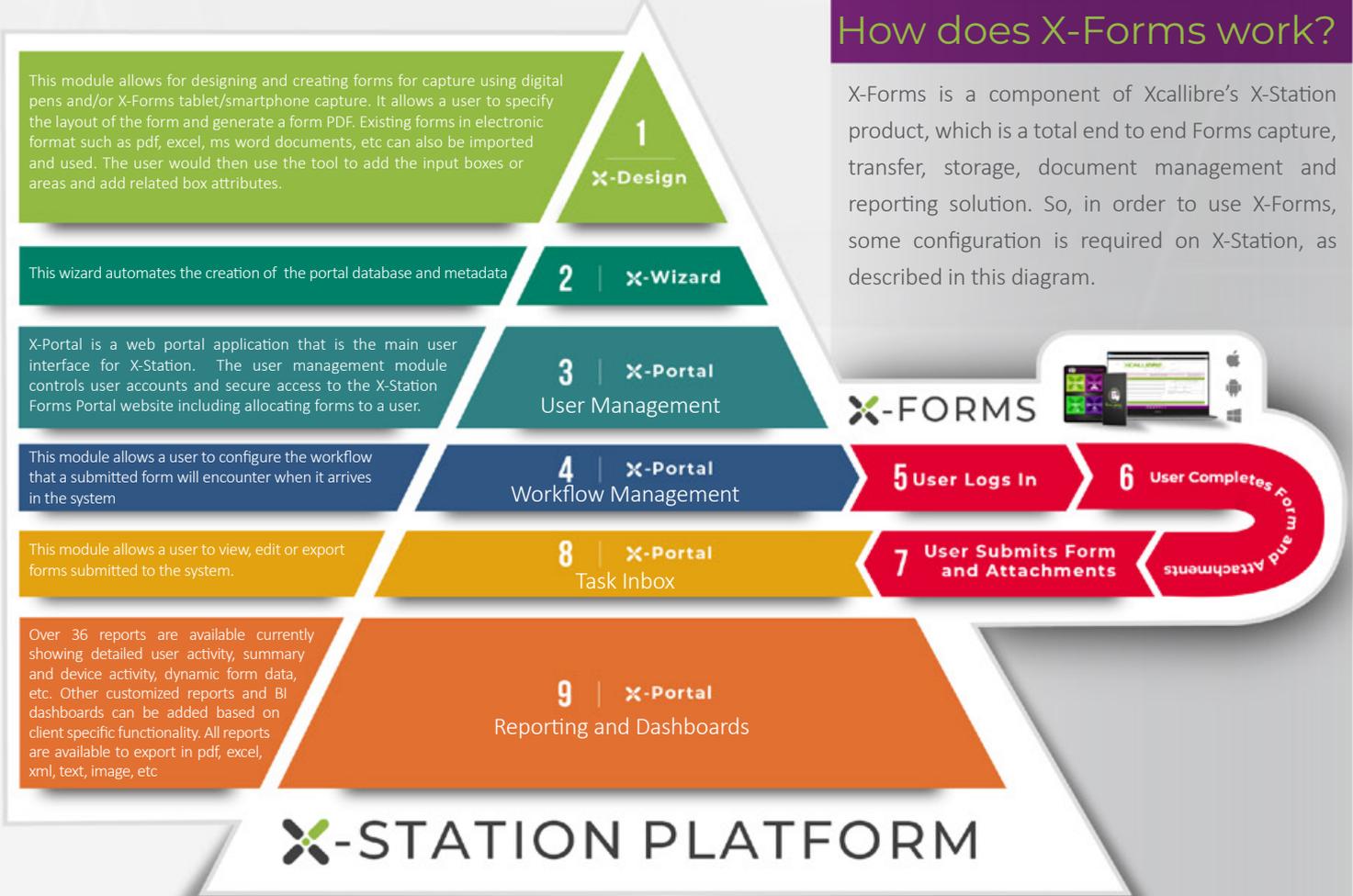# X-FORMS

What is X-Forms?

X-Forms is a smart, simple and secure app that will transform the way your business captures, manages and integrates data from the field. X-Forms supports online and wizard driven capture directly onto forms using the keyboard from any Android, IOS and Windows Smartphone, Tablet or Desktop/Laptop device. Forms/wizards can be designed and then uploaded to the device for form or wizard driven capture. Validation can be set including prompts to fields, and drop downs. Once data is captured the system supports photo, barcode, fingerprint and GPS attach, before data is sent over the cellular network to the X-Station servers and database. Millions of people working in the field are faced with the same challenge – They need to capture real-time data quickly and accurately, and get it back to base fast. X-Forms can do this effortlessly and also comes packed with robust features to make real-time data capture a reality for any organization.

How does X-Forms work?

X-Forms is a component of Xcallibre's X-Station product, which is a total end to end Forms capture, transfer, storage, document management and reporting solution. So, in order to use X-Forms, some configuration is required on X-Station, as described in this diagram.

X-STATION PLATFORM

1 | X-Design
This module allows for designing and creating forms for capture using digital pens and/or X-Forms tablet/smartphone capture. It allows a user to specify the layout of the form and generate a form PDF. Existing forms in electronic format such as pdf, excel, ms word documents, etc can also be imported and used. The user would then use the tool to add the input boxes or areas and add related box attributes.

2 | X-Wizard
This wizard automates the creation of the portal database and metadata

3 | X-Portal — User Management
X-Portal is a web portal application that is the main user interface for X-Station. The user management module controls user accounts and secure access to the X-Station Forms Portal website including allocating forms to a user.

4 | X-Portal — Workflow Management
This module allows a user to configure the workflow that a submitted form will encounter when it arrives in the system

8 | X-Portal — Task Inbox
This module allows a user to view, edit or export forms submitted to the system.

9 | X-Portal — Reporting and Dashboards
Over 36 reports are available currently showing detailed user activity, summary and device activity, dynamic form data, etc. Other customized reports and BI dashboards can be added based on client specific functionality. All reports are available to export in pdf, excel, xml, text, image, etc

5 User Logs In
6 User Completes Form and Attachments
7 User Submits Form and Attachments

X-FORMS

How does X-Forms work?

Step 1: X-Design – The form is designed, configured and validation is added for fields if required.

Step 2: X-Wizard – The portal database and metadata is created.

Step 3: X-Portal User Management – The user is created and the form is assigned to the user.

Step 4: X-Portal Workflow Management – Workflow steps for the form are configured (Edit, Management Approval, etc).

Step 5: X-Forms – The user logs in to the App.

Step 6: X-Forms – The user completes the form and adds any attachments.

Step 7: X-Forms – The user submits the form with attachments.

Step 8: X-Portal Task Inbox – The form can be viewed/edited/exported.

Step 9: X-Portal Reporting and Dashboards – Various reports can be viewed.

Features and Functionality

4 Supports Fingerprint attachments

5 Supports form capture via keyboard & unique natural handwriting

6 Supports on device field validation, lookups and calculations.

7 Secure login to authenticate user / device and download forms.

3 Supports Barcode Scanning

8 Supports real-time online or offline capture of forms.

2 Supports Photo attachments

9 Supports Navigation to Point and Route Planning and Optimisation.

1 Supports GPS attachments

10 Integration with X-Station Forms Platform.

Features and Functionality Explained

1|2|3|4. Supports attachments (Photos, GPS, Fingerprints, Images and Barcode Scanning with AI and OCR)

GPS Coordinates (using the device's onboard GPS receiver) can be attached to forms. Up to 10 Photos and fingerprints (if a compatible fingerprint reader is connected) can also be attached. Barcodes and images can also be scanned with Artificial Intelligence (AI) being used to detect image types or contents and Optical Character Recognition (OCR) for recognizing text within images. Forms and attachments are uploaded using the device's internet connection.

5. Supports form capture via keyboard & unique natural handwriting

The device keyboard, either onscreen or physical, is used to capture information onto forms. It is also possible to capture the individual's unique natural handwriting in fields configured as drawing or signature areas.

6. Supports on device field validation, lookups and calculations

Validation can be setup for fields with specific criteria (e.g. ID and phone numbers etc). Lookup lists can be configured for fields in which a predefined set of information must be filled in e.g. Countries. Calculations and comparisons can be performed on fields based on the time that they were filled out, and arithmetic operations can be performed on fields that contain numerical data.

7. Secure login to authenticate user / device and download forms

The Login landing page is secured via HTTPS protocols with complex passwords and encryption, each user / device can be uniquely identified allowing specific forms and data to be assigned on a per user basis.

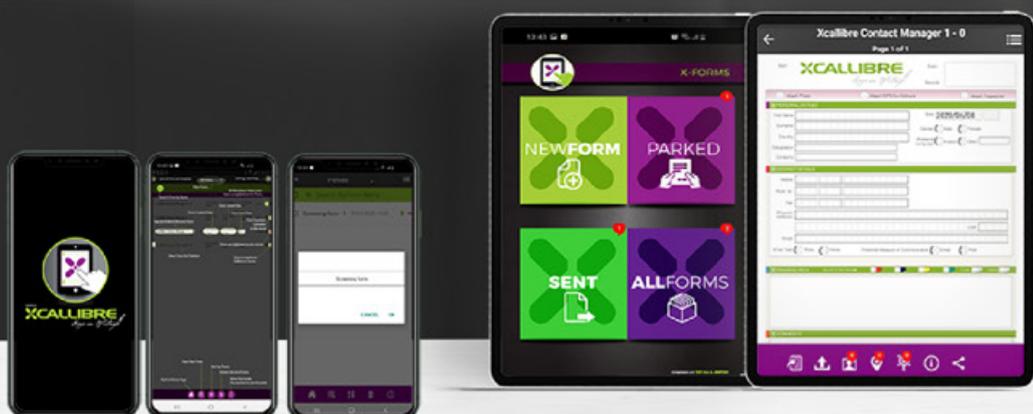## 8. Supports real-time online or offline capture of forms

Forms can be captured in real-time with an active internet connection or offline if there is no internet connectivity and can be saved for uploading later.

9. Supports Navigation to Point and Route Planning and Optimisation

Based upon the GPS Coordinates, X-Forms is able to pinpoint locations on a map, and provide Navigation, Route Planning and Optimisation using the device's existing Navigation and Map Apps.

10. Integration with X-Station Forms Platform

X-Forms is fully integrated with Xcallibre's In-house developed, Enterprise Class Forms Processing Platform X-Station, for Forms Setup and Design, User/Device Management, Workflow Configuration and Form View, Edit, Reporting and Export.

Features and Functionality Explained

X-Forms is a cross platform app that is available as a free download from the Android, iOS and Windows App Stores, ensuring compatibility with a multitude of different devices.

Reduces processing costs as forms do not need to be printed.

Increases Efficiency due to reduced data capture and admin overheads.

The tablet forms are easy to use, simple to create and deploy, and are available offline.

No need for scanning, fax or postage of forms.

No missing or duplicate forms.

Solid processes and full support mean that your paper forms can be converted to digital quickly.

Reduced development time compared to competitors.

Solid partner relationships with mobile/tablet providers ensure quicker turn-around if hardware is required.

Data transfer is secure and includes text, images, sketches and signatures.

Interactive logic and the option of pre-populating forms with customer information from your CRM or any other system further streamlines the data capture process.

X-FORMS
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