

 idcapture

Biometric census & identification

Scalable, portable, online and offline data collection
for public and private institutions.



Facial
Recognition



Fingerprint
Recognition



NFC



IoT | MDM



Windows



Android



idcapture

idcapture™ is an effective system for census taking in a scientific and verifiable manner in all types of environment.

Idcapture is composed of 3 parts:

Idcapture Mobile App which is made of a tablet or smartphone PDA that has embedded Fingerprint sensor and high quality camera with the app idcapture. Can work with single FP or FourFourTwo FP device.

Idcapture Windows App which can capture the same information as in the Android app via a Windows Application.

Idcapture Web Verifier which is the backend where all the data flows and is checked and approved. This then generally produces a biometric card that is provided to the censused person.

The solution provides the tools to carry out a census of all people in numerous situations thanks to the portability of the system.

Most of the features are flexible enough to take into account multiple field types, fingerprint taking with rules, ICAO standard passport type pictures, Doc-scanning with perfect cropping simply with the tablet for: marriage certificates, birth certificates, IDs and other documents that are vital for the registration process. A thermal printer with grayscale printing can also be provided to give quality paper receipts. Cards are produced that will be given to the members with NFC & QR CODE info.

Printing Module

The approved output can be then processed in a Card Writing machine in order to embed and encrypt the data collected into the CARDS (NFC or other types of cards). The cards can be produced centrally or in various regional centres in order to speed distribution and service to the community.

Dispatch Module

Once the card is produced the idcapture dispatch module takes care of releasing the right card to the right person. By tapping the card and recognizing via fingerprint or facial recognition the card can be released or just by scanning the QR Code of the receipt provided.

Reporting

All the steps of the various processes listed are reported in the backend that can be accessible via the web.

Projects we have implemented IDCAPTURE with numbers of people censused on a daily basis so far:

- Firestone census of Liberia Firestone (+80,000 people)
- Togo Government Employees (+60,000 people)
- Togo Small and Medium enterprises (+ 20,000 people)
- Burkina Residents in Ivory Coast (+200,000 people)
- CNAM- CMU National Health Service Ivory Coast Census (+1,000,000 people)



Customized Field Types



Fingerprint Capture



Passport Type Pictures (ICAO)



Document Scanning

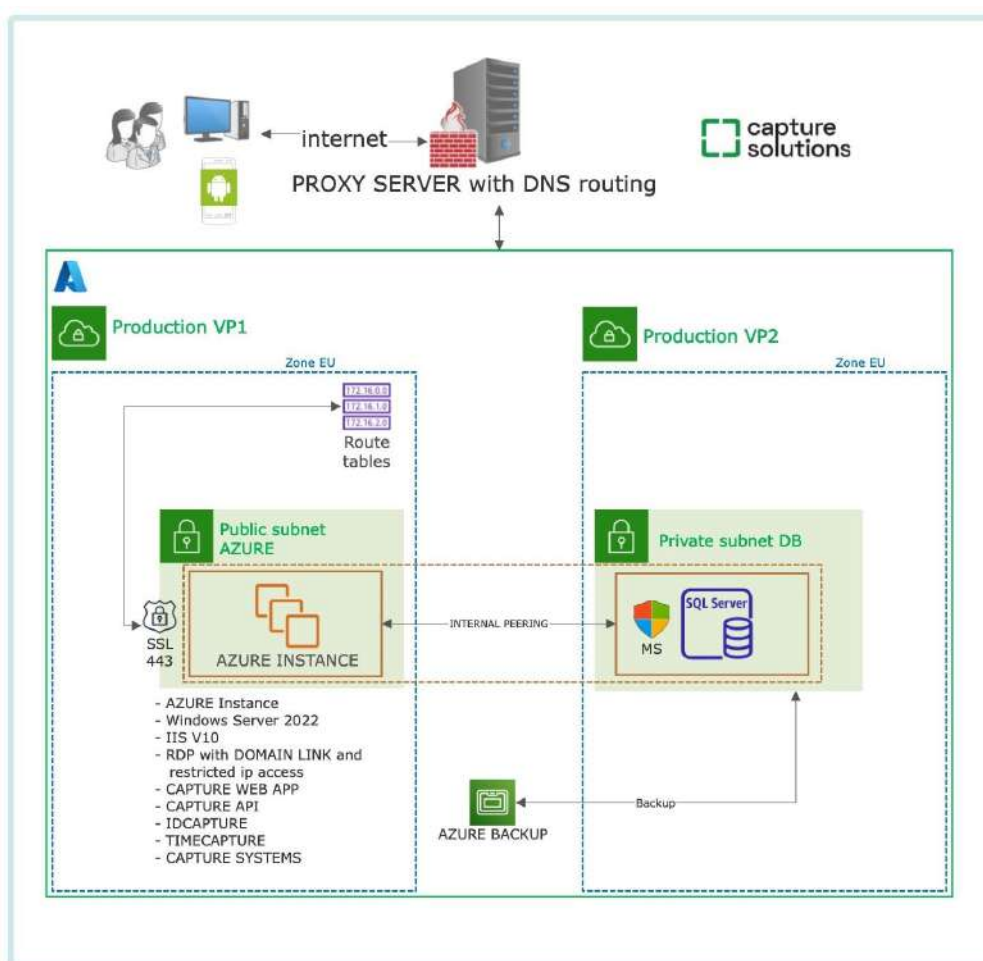


Printable Summary



NFC/ QR Card printing





idcapture & timecapture on Azure cloud

idcapture & timecapture web app is hosted on an Azure Virtual Machine. The app is accessed securely via browser, with an SSL enabled. Access to the virtual machine is restricted to specific range of IP addresses

Capture database is hosted on an Azure instance with a restricted access granted to a specific IP addresses

The capture system is done in a way to integrate modularly with other systems via API and within the modules of CAPTURE SOLUTIONS such as idcapture and timecapture.

idcapture is focused on biographic and biometric collection while timecapture focuses on the verification and workflow in a working context



Biometric Device: Face and Fingerprint recognition

idcapture intergrates with timecapture

timecapture™ ensures businesses & organisations can accurately track the time and attendance of employees and visitors

timecapture™ is a unique application using biometrics and IoT technology to improve employee management by registering workers' biometrics and using them for clocking in/ out, while also recording and communicating the GPS location to a centralized cloud application.

The cloud based back-end allows the administrator to manage employee information, add tasks and receive real-time information.



Administration



Canteen



Waste



Laundry



Inventory



Parking



Self Service



Add Ons

1. Attendance (onsite and offsite)

Daily attendance onsite can be recorded via a selection of devices through fingerprints, facial recognition and/or digitally unique cards. The same functionality can be achieved offsite through mobile devices. All solutions can work offline and push data centrally when data is made available.

2. Payroll

Our solution can come with Capture Solutions in-house payroll or integrate with existing payroll solutions.

3. Task Management

Remotely assign and monitor tasks. Receive realtime updates on task completion using infield smart devices.

4. Employee Management

Digitise employee records with biometrics in a web-based back-end and available on mobile applications. Improve company scheduling, planning, communication and reporting through automated processes.

5. Inventory Control

Keep track of purchases, movement and the usage of vital raw materials managing multiple types of inventory through self-customized reports.

6. SMS and Email Notifications

Automatic SMS or email notifications to keep stakeholders up to date.

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Other Modules

 timecapture

 inventorycapture

 laundrycapture

 canteencapture

 bility

 weightcapture