



A5SA
AFRICA SOLUTIONS

RC 1971841



INDEPENDENTLY VERIFIABLE ANTI-FRAUD & FORGERY SOLUTIONS

A5SA AFRICA SOLUTIONS LTD

Content

Introduction	01 - 02
Our Solution	03
Features	04
Process Flow	05
Why You Need This Solution	06
Contact Us	07

Introduction

Falsification of documents has become rampant due to advances in technology and is now a grave concern around the globe because it threatens National Security. Documents can be created, modified, and manipulated via simple operations – especially when many tools and technology are easily available with advanced printing methods and technological means.

Forgery casts doubts over the integrity of genuine documents. Meanwhile, forged documents are accepted without adequate scrutiny leading to undesirable consequences. It is shocking and disappointing that even when it is public knowledge that forgery of certificates and official/government documents is a criminal offense that attracts capital punishment, many Nigerians have continued to engage in illicit activities unabated.

Nigerians have continued to cut corners by forging official documents and using them for illicit gains without minding the consequences. Some of the most forged documents are School certificates, medical certificates, NYSC certificate, traveling documents, church documents, marriage certificates, compliance documents, custom clearance documents, bank statements, insurance certificates, vehicle licenses, etc.

Statistics by the customs indicated that less than five percent of importers processed their consignments with genuine invoices, meaning that 95 percent of imports engage in the falsification of Documents. The Government the private sectors are losing billions of Naira to such unwholesome practice.

So worrisome is the fact that in most cases, forged documents passed through government agencies, including security agents unidentified.

The Negative Impacts Of Document Forgery

Document forgery can be a traumatic experience that often causes real and irreversible impacts for victims, their families, organizations, and communities.

It compromises the government's ability to deliver services and achieve intended outcomes.

This can lead to program failure.

It also leads to lost opportunities for individuals and businesses.

It hampered effectiveness and efficiency in service delivery

When it is handled poorly it can result in an erosion of trust in government and industries, and lead to a loss of international and economic reputation.

It can also damage international standing and affect the ability of nations, organizations, and individuals to get international support.

It leads to Revenue loss

It Impairs the success of a project or program

Therefore, to address the above menace, there must be an intentional effort and the will from the document issuing bodies to embrace secured and disruptive solutions.

Our Solution

A5SA is a disruptive digital anti-forgery solution that offers a state-of-the-art, new generation ID card and document counterfeiting prevention technology that encrypts both text data and image data.

It is a digital solution that allows instant verification and authentication of a document or card with or without the internet, using a mobile device or the personal computer system.

A5SA is a high-density code with the world's largest storage per unit area. Original data, certificates, forms, digital certificates, digital signatures, sealed images, etc., are transferred and securely stored in the code.

A5SA code is a multi-layer matrix code. It can transform original data (name, signature, photo, etc.) into a completely new image using an encryption algorithm. The encrypted image in the form of a A5SA code can be reverted into original data for detection/inspection purposes by using the A5SA VERIFIER that can be downloaded into any smartphone or

computer. The code can be read without any internet or database.

For identity cards, A5SA Code works best with a 600dpi card printer. For document printing, A5SA Code can be printed using a high-resolution laser printer. It currently supports more than 1,800 known printer models.

A5SA uses High-Density Code, which is the world's largest storage per unit area of 520 bytes/cm. Advanced algorithms enable A5SA code to contain up to a quarter of a million characters in a code the size of the standard QR code. It also uses strong 2048-bit signature encryption which makes the A5SA Code improbable to copy or forge.

NOTE: A5SA code is not a QR code. A5SA codes are unique, multi-layer 2D codes that cannot be reproduced by others. The proof of concept can be provided upon the client's requirement. It enables Mobile Enforcement via a portable handheld device such as a smartphone or dedicated verifier – e.g. giving enforcement personnel the flexibility to carry out spot-checks anywhere and anytime. Documents can be verified instantly, on the spot.

Features

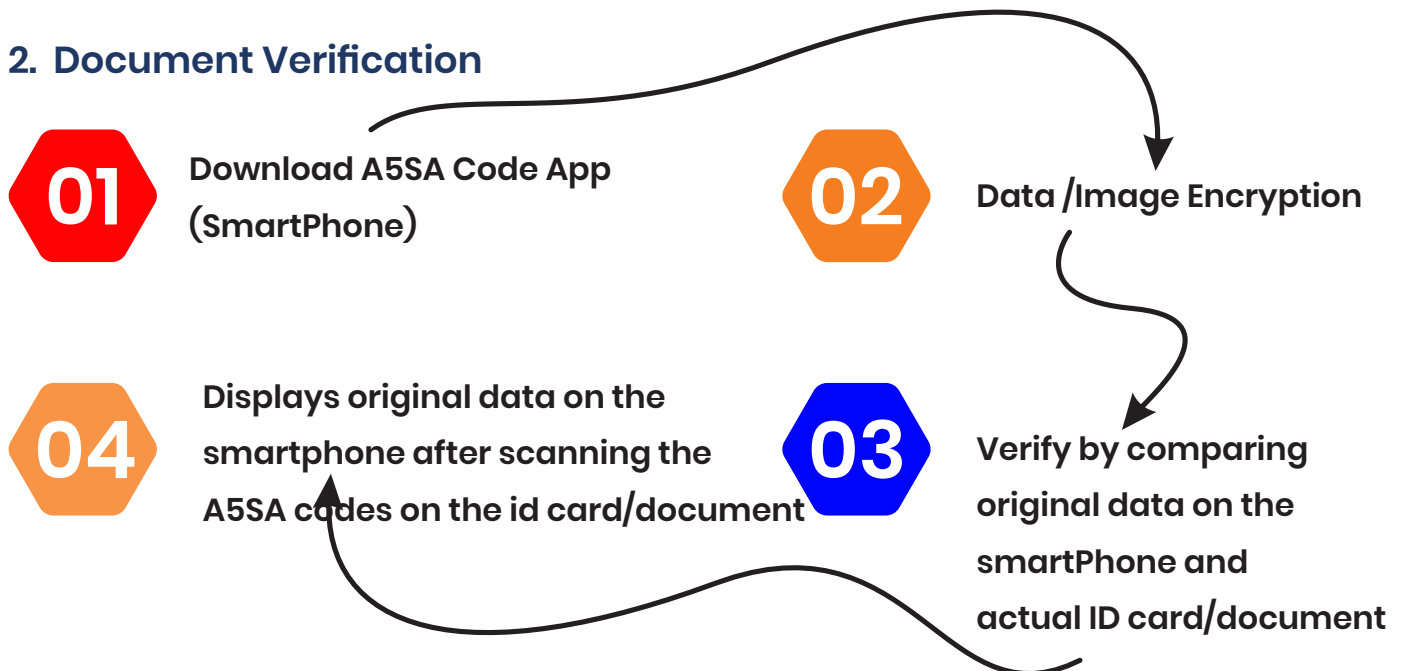
- ✓ Enables very **effective** enforcement
- ✓ **A tool to monitor and profile the Enforcers**
- ✓ **Prevents and detects fraud and forgery**
- ✓ **Secures Databases**
- ✓ **Protects against unauthorized issuance** of documents
- ✓ provides the solution to all forms of documentation forgery, counterfeiting, and fraud – via a very easy **OFFLINE VERIFICATION** process
- ✓ **Simple and Fast Verification**
- ✓ **Prevents Printer Copy**
- ✓ **Prevent Data Spill**
- ✓ Impossible to falsify
- ✓ Only registered computers and printers can generate and print Codes
- ✓ Tagging of Codes for Profiling
- ✓ Enforcement tasks are made easy with **OFFLINE verification** process. Spot checks can be **conducted anywhere** (on or off-site) **without internet access** since information is **STORED** in the **A5SA** Code on the ID card/document.
- ✓ **No Database access required**
- ✓ **Uses Handheld KIL device or smartphone**

Process Flow

1. ENCRYPTION



2. Document Verification



- 01 It helps to prevent revenue and reputational loss, due to falsification of documents in organizations and government agencies.
- 02 Affordability
- 03 The primary objective of the A5SA System is CONTENT AUTHENTICITY.
- 04 The A5SA System addresses the problem of UNAUTHORIZED document modification or dissemination.
- 05 It is an Anti-fraud, Tamper-Proof solution for verifying important documentation, at any location, instantaneously.
- 06 It overcomes the weaknesses of typical methods of detecting false documents visually or which require connectivity.
- 07 With the A5SA Solution, external access to systems and databases, which are often the doorways for hackers, is no longer required.
- 08 The algorithm behind A5SA Code is currently being used in over 600 Korean R regulatory Agencies, Businesses, and Banks.
- 09 The A5SA System can be INTEGRATED with existing systems thus enabling a fast and cost- effective implementation.
- 10 The verifier application for the field usage can be in the form of Windows, Android, or iOS download and will be supplied according to the unique PKI and design that the client requires.
- 11 License is based on a yearly maintenance contract that covers not only maintenance but includes the technical support and upgrades for the whole package.



REFERENCES

An excerpt from: International Public Sector Fraud Forum Guide to Understanding the Total Impact of Fraud

<https://www.vanguardngr.com/2020/05/the-oluwole-epidemic-fakedocum>

CONTACT US

Phone:

+2348082447422

+2349033148805

Mail:

a5saafricasolutionltd@gmail.com

Address:

Plot 649 Franca Afegbua Crescent
Off Samuel Jereton Mariere Road
Beside Best way Luxury Suite, Zone E
Extension APO Legislative Quarters ,
Abuja, Nigeria