

CORPORATE PROFILE

2021 Edition

The Revenue Company



ByteWorks Technology
Solutions Ltd



Welcome to **BYTEWORKS**



OUR HISTORY

ByteWorks Technology Solutions was incorporated in November, 2013. Since then we have seen unprecedented growth in operations with numerous customers with both easy and complex project requirements.



OUR MISSION

To innovate, design and create high quality technology solutions to solve problems for our people, our clients and the world.



OUR VISION

We aspire to become a Global brand; admired for providing innovative and excellent technology solutions to problems in the societies we operate in.



OUR CULTURE & VALUES

- ❖ Excellence
- ❖ Commitment
- ❖ Innovation
- ❖ Integrity



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What we do

Systems Integration (payment, Legacy
Systems); Revenue Automation Consulting;
Biometric Based Enrolment Services; Data
Transformation Services; App Dev

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Expert team

The Team of professionals behind the success
of the organization's growth.

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Our Product

ByteOne; OnPOS; BW Cash POS; IDMS;
Enumeration Cloud Server (EAAS); Indigenous
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Our Projects

Services.gov.ng; Nimc Biometric Enrollment
Development; MLR; ICS (ENICS, ABIAPay, GICS,
EDO); Ngalaba.com.ng;

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Our Partners

Our Partners; Aware, Thawte Consulting, NIBSS.
Become a VAR for ICS, Become a VerifyID
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The Revenue Company

Welcome to Byteworks, the revenue company! In this company; **we seek excellence, commitment, innovation, and integrity.** We hope you value those as well. Therefore, join us in our vision to become a global brand; admired for providing innovative and excellent technology solutions to problems in the societies we operate in.

Why are we called the revenue company? Because we believe that we are advancing and assisting people, governments, and corporations to attain **success in revenue assurance.** We have helped governments and institutions **cut revenue losses in Africa,** and through secure databases and analytics allowed revenue growth via facts and information-driven decisions.

To all those who use our technology products; services and solutions; we commit today and always to continuously support you and enrich your experience. Please visit **<https://www.byteworks.com.ng>** to engage with our current portfolio of solutions. Who knows; you may just see what works for you!



To all those who use our technology products; services and solutions; we commit today and always to continuously support you and enrich your experience.

As the IT industry explores the **hidden dimensions of information**; expounding the hidden treasures and treats of machine learning, smart data discovery, blockchain technologies and Quantum computing, Byteworks would be beside you to ensure data and information enrich our shared human experience. **We promise to continue to solve hard problems in society**; masking the difficulty with **easy to use technologies** that make meaning and actually matter.

To all our partners; we thank you for the knowledge and progress we have jointly created over these years.

We hope to continue to forge deeper relationships that would change our world in positive ways.

It is our hope that every person shall be true in all they know and do. We envision, thus, a reality where we have preserved the truth via information technology.

Osuagwu Ezeukwu Edmund
(President / CEO of Byteworks)

I salute all Byteworkers; all around the world; working tirelessly to ensure our customers have peace of mind. I admire your spirit and I believe it would allow us to reach our Vision.

We at **Byteworks Technology Solutions Ltd**; sincerely thank you for considering us for business. **It is our promise**, to continue to develop **excellent and high-quality software**, this remains at the core of what we do. As you traverse the pages to come; exploring **ByteWorld**; we hope you discover us, engage us and eventually become a part of us.



WHO WE ARE



Our Philosophy

Our philosophy at Byteworks is our belief and statement on truth, our values, our clients, how we work and our vision!

At Byteworks, we believe in Quality as a way of life. We value commitment, innovation, excellence, and integrity. Those are our beliefs and our values.

We approach software development as both an art and a science. We seek to design stable systems not only for the short term but also for your long-term needs. We do not shy away from hard problems; not only because we love challenges any day, but often times; we know therein lies the truth....as such we persevere to completion. **We know that work is only valuable in its completed state.** And we never sleep until our clients succeed!

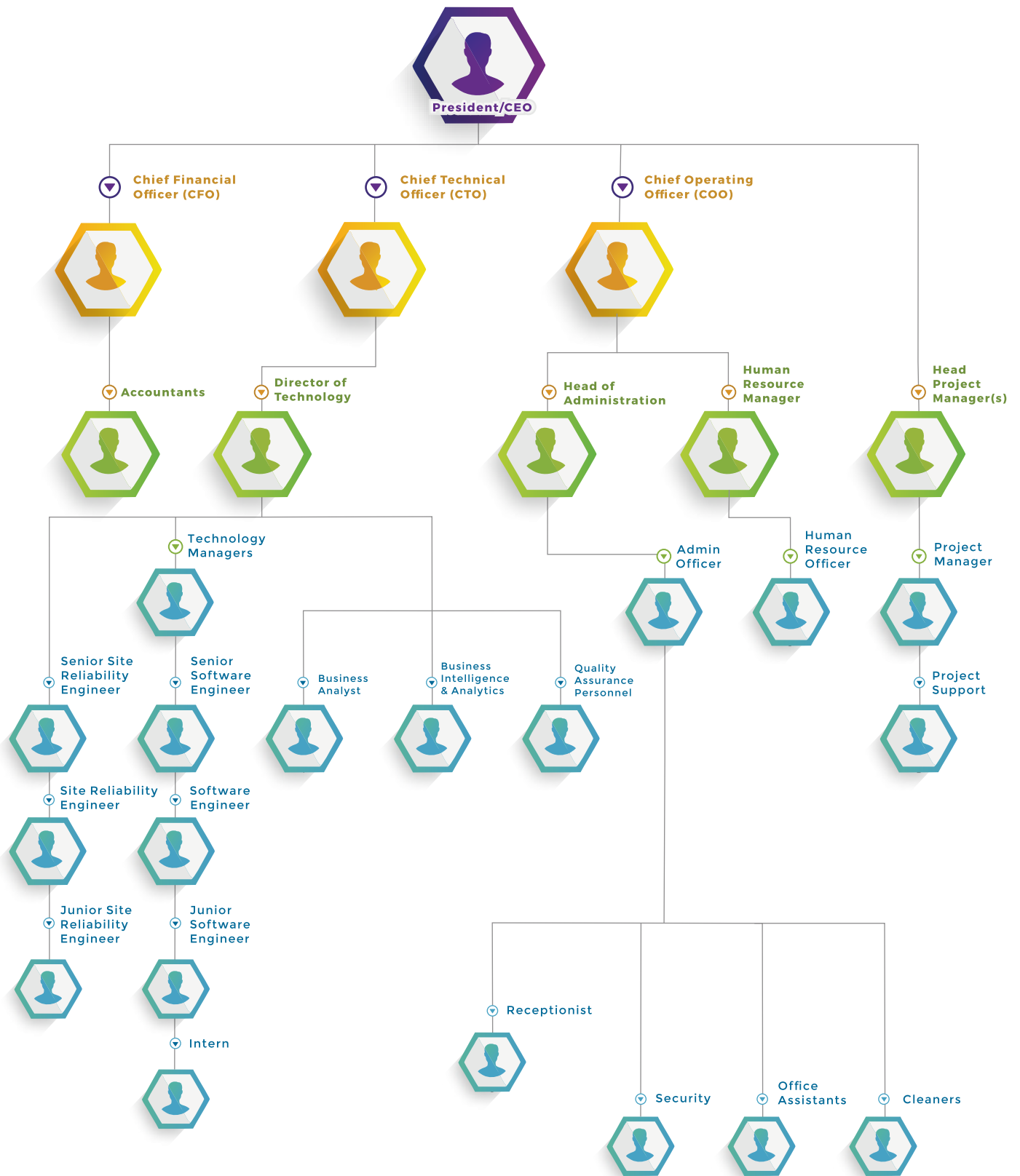
We preserve relationships above all else. That way we not only keep that smile on your face over the years; through times of turmoil and joy, we make it a promise to do so.

We endeavor always to write clean code, and we believe in engineering out bugs before they get to production systems. This is deep in our philosophy and approach to work.

Now if you believe in our philosophy; join us. Get started. Visit <https://www.byteworks.com.ng>



ORGANISATIONAL STRUCTURE



ORGANISATIONAL TIMELINE

2013

Incorporated and Deployed the National Biometric Enrolment Solution for the NIMC. Issuing 10,000 biometrics per day for the last 4 years.



2014

Designed, Built, Migrated and Deployed the Company Registry for Nigeria, Corporate Affairs Commission.

Registering over 5000 companies per week or the last 3 years.
<https://services.cac.gov.ng>



2015

Designed, Built and Deployed the Abia State Internal Revenue Central System.

Securely collecting and accounting for over 7.5 billion Naira for Abia State Government since inception and integrating over 16 revenue automation sub-systems.

<https://abiairs.gov.ng>



2016

Designed, Built and Deployed the Gombe State Internal Revenue Central System.

Securely collecting and accounting for over 870 million Naira for Gombe State Government since December 2016.

<https://gombeirs.gov.ng>



2017

Designed and currently building the Enugu State Internal Revenue Central System.

<https://irs.en.gov.ng>



2018

Launching of the Property & Land Use Charge for Enugu State.
<https://eplug.ng>

Design and Development of the Edo State Government Central Billing System.



2019

Designed, Built and Developed the Imo State Internal Revenue Central System

Securely collecting and accounting for over 10.5 billion Naira for Imo State Government since December 2017

<https://iirs.im.gov.ng>



2020

Designed, built and Developed the Estate Management Mobile App for NLNG



WHAT WE DO

We are an indigenous Software Design Manufacturer. We develop systems and solutions around revenue assurance for governments, biometric-based identity systems for private and public institutions; and develop enterprise and client-based software. We design and build Identity Management solutions for different industry segments from e-Government to Income Tax industry solutions. Our technology scope includes Apps, Systems Integrations, Enterprise Systems Design, Enterprise Solutions on Web/Offline technologies.



**MOBILE APP
DEVELOPMENT**



**REVENUE
AUTOMATION CONSULTING**



**SYSTEMS INTEGRATION
(PAYMENT, LEGACY
SYSTEMS)**



**PORTAL
DEVELOPMENT**



**BIOMETRIC-BASED
ENROLMENT SERVICES**



**DATA
TRANSFORMATION
SERVICES**

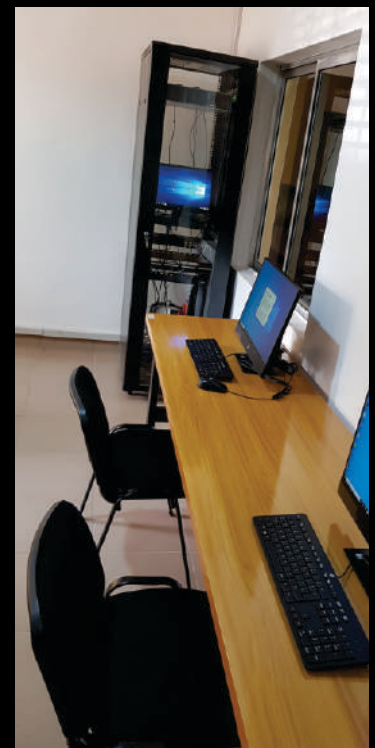
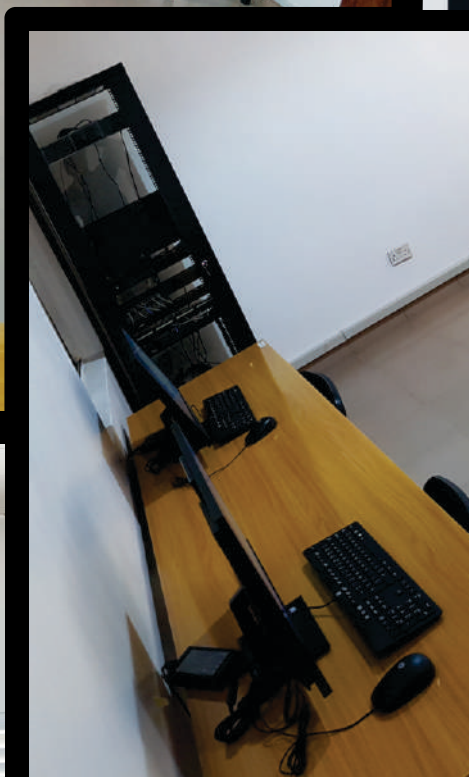
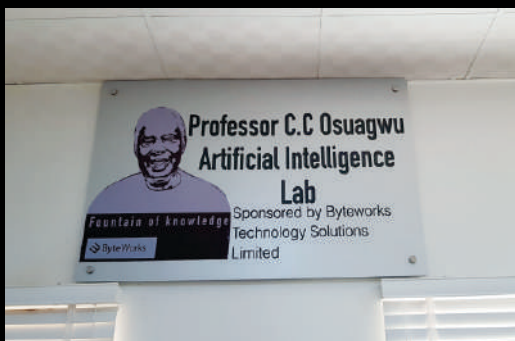
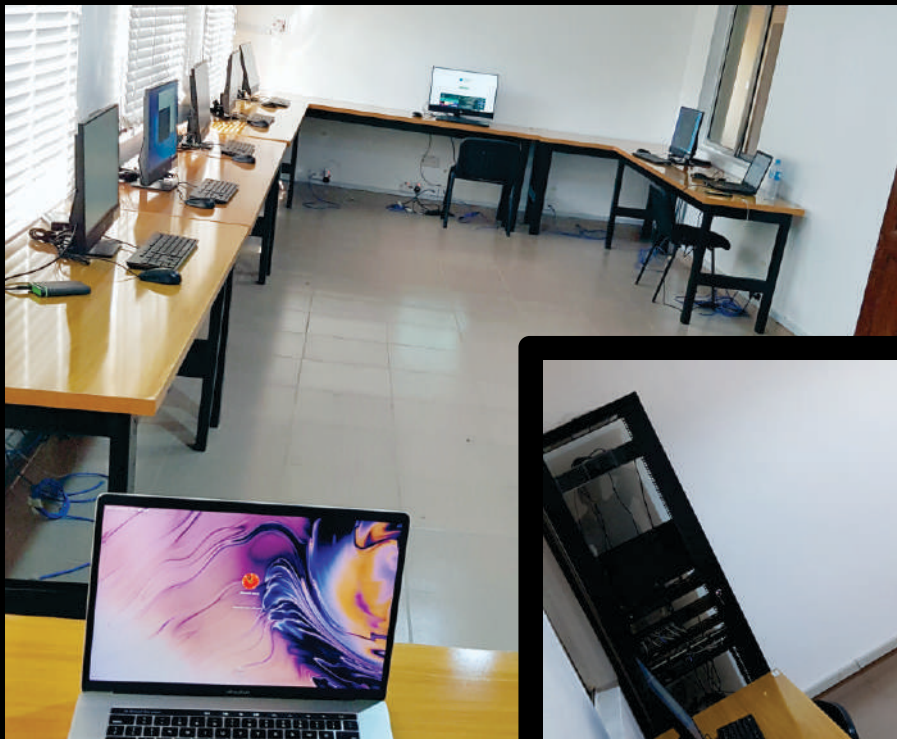
The only way to do
**GREAT WORK,
IS TO LOVE
WHAT YOU DO.**



BYTEWORKS ARTIFICIAL INTELLIGENCE LABORATORY



A High-tech Computer Laboratory With The Latest Technologically Advanced Systems In The Field Of AI, designed to promote the best teaching and learning experience for students of all ages.



Professor C.C Osuagwu
Artificial Intelligence
Lab
Fountain of Knowledge
Sponsored by Byteworks
Technology Solutions
Limited



**WORK IS ONLY
USEFUL AND
VALUABLE
IN ITS**

**COMPLETED
STATE.**



ByteWorks Technology
Solutions Ltd



EXPERT TEAM

Osuagwu Ezeukwu Edmund

President/C.E.O

Founded ByteWorks in 2013. He has built and deployed various technological platforms tailored towards improving electronic governance in Africa. He holds two degrees (B.ENGR First Class Honors) from UNN & PGD (Science & Engineering from University Of Liverpool UK.



Iloeje Nnaneme

Vice-President/C.T.O

An Information Technology professional, with deep knowledge and vast experience in enterprise systems design, implementation and security. He has a First Class in B. Eng Electrical Electronics from UNN, Nsukka and M. Sc control systems (Distinction) from Imperial College, UK.



Ngozi Ofoefule

Head IT Service Management

An experienced software engineer with expertise in Database Administration, Programming, Data Analysis and DevOps. She manages software design and implementation, software deployment, product development and quality assurance.



Chioma Orakwue

Head Of Business Development

A business operations professional and who use rigorous logic and methods to reveal effective solutions for challenging problems. She has worked with cross-functional teams to increase customer satisfaction through process improvements



Charity Abah

Human Resource Officer

Human resources Generalist with experience managing employee benefits, employee hiring and onboarding, performance management and HR records. Reliable and organized team member with the ability to communicate effectively and handle office changes.

To read the complete profile(s) visit our website at

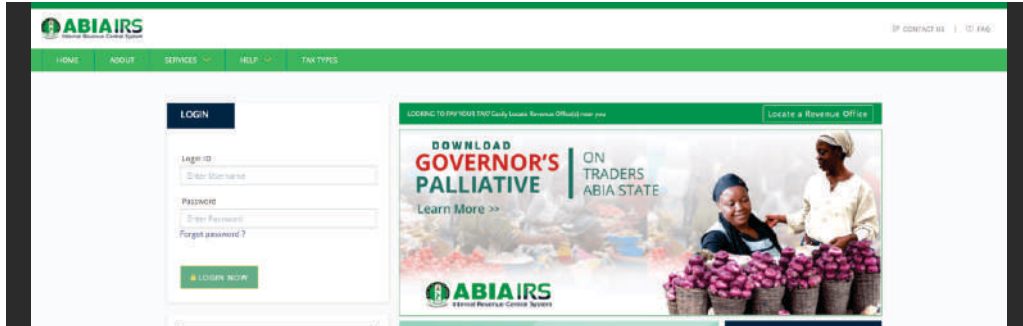
<https://bytework.com.ng/management-team/>

OUR PRODUCTS



ICS PORTFOLIO (INTERNAL REVENUE CENTRAL SYSTEM)

Tax management application | Flying Revenue | Informal sector collection automation | MDA automation | Land use charge | Tenement rate



The ICS is our Internal Revenue Central System. This powerful product allows the full monitoring and automation of all tax and non-tax revenue activities; in any state of a country.

The ICS avails the Internal Revenue Service the ability to print e-TCC (electronic tax clearance certificates), electronic payment, electronic assessments, electronic identification of tax payers, and electronic based audit. ICS has **advanced insights** and **BI systems** that help the customer gain additional perspectives on their data. Securely hosted with our cloud infrastructure; Byteworks powers the ICS; for sustainable development and growth in any state it is deployed.

So far, Byteworks has deployed AICS (for **Abia State**, Nigeria) and ENICS (for **Enugu State**, Nigeria)



Flying Revenue
(Keke, taxi, bus, lorry, automation)



MDA automation



Tax management application



Informal sector collection automation



Land use charge



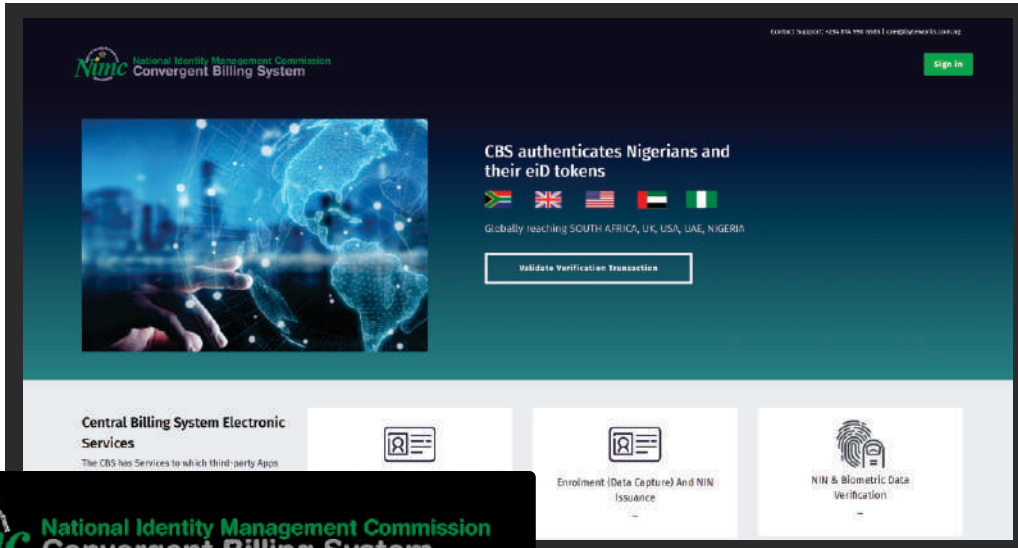
Tenement rate



OUR PRODUCTS



E-GOVERNMENT PORTFOLIO CBS (Convergent Billing System)



visit <https://nimccbs.gov.ng/> for more

The CBS on ByteOne is a billing engine compliant with Public Sector Accounting policies (IPSAS Compliant). The CBS is secure, scalable, a highly efficient system that allows it to be embedded with the Enterprise environments such as National Identity Projects: State and Municipality revenue systems, Telecommunication and banking environments.



National Identity Enrolment Solutions

The National Identity Management Commission (NIMC) as a ByteWorks Client, required the biometric-based enrolment of all Nigerians for the issuance of the NIN (National Identification Number).

The customer required the capture of demographic information as well as Multi-Modal biometrics (Finger, Face with ICAO compliance and IRIS).

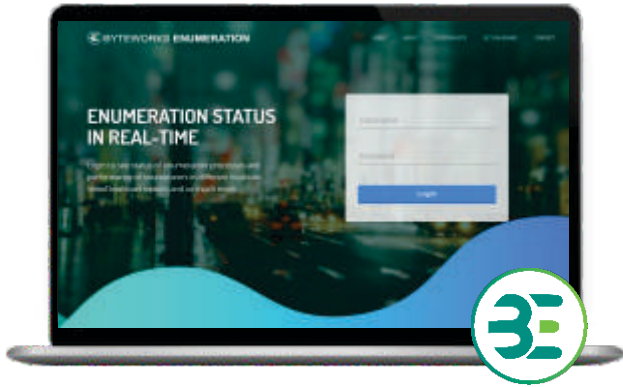


OUR PRODUCTS



IDENTITY MANAGEMENT SOLUTIONS

IDMS Cloud | IDMS Client | Enumeration Demographic App| VerifyId.Africa
| Property ID & Geo-tagging systems



ENUMERATION AS A SERVICE (EAAS) / EAAS CLIENT APP

The bedrock of information is data. Byteworks engages in Enumeration of data for both the public and private sectors. With our BytePad (Biometric=Based) and our BW Enumeration app; we are able to provision data. The data needs of public sector institutions range from planning; revenue assurance, security amongst others. With the EAAS; we have offered a cloud service;

<http://enumeration.byteworks.com.ng> for all your demographic data needs.

We have provided these services for the following Institutions:

- Niger State Government of Nigeria
- Gombe State Government of Nigeria
- Abia State Government of Nigeria



IDENTITY LIFE CYCLE MANAGEMENT SYSTEM

Visit: www.byteworks.ng/idms for more.

With our Identity Lifecycle Management System (IDMS); biometric based capture, Singleton or Cloud de-duplication, card personalization (ISO/IEC 14443) is all a breeze. IDMS\ was innovated for small scale identity projects such as State and Local governments, Schools, Offices and Factories.



Verify ID is the leading identity verification solution for Africa: a global gateway and your instant, identity portal to the world. This innovative, new platform, helps to reduce constant reliance on government forms and enables automated identity verification at scale, with effortless integration.

**NOW
AVAILABLE
FOR DOWNLOAD**



OUR PRODUCTS



As the global world of business becomes more integrated; cost reduction and increased sources of business advantage plays critical roles in the survival of businesses. A manufacturer in Asia today could sell products or parts to a distributor in South Africa. This interconnected and integrated approach to business is possible thanks to technology advancements in the telecommunications and World Wide Web. Businesses today appreciate the advantage the web offers for increased efficiency; however few have found turn-key solutions that work within their specific context.

Why does your business need ByteOne?

As the world of business becomes more integrated; cost reduction and increased sources of competitive advantage, play a critical roles in the survival of businesses. A manufacturer in Asia today could sell products or parts to a distributor in South Africa. This interconnected and integrated approach to business is possible thanks to technology advancements in the telecommunications and World Wide Web. Businesses today appreciate the advantage the web offers for increased efficiency; however few have found turn-key solutions that work within their specific context.

If your business operation, relies on numerous disparate systems that are outside your control; and you long for information in different structures to harmonize seamlessly, under a properly designed database for speed to market operations, cost reduction and those analytics that make a difference in today's competitive space; Byteone™ is the solution for you.



Harmonized Data Structure



It is an engine to keep your business performing on-the-go from the cloud; via mobile devices, with a high level of assurance. If your business is scaling and growing at a rapid rate and you have implemented an ERP; Byteone™ can help you organize activities of customers, vendors, compliance staff and investors in a specially-tailored fit for business purposes.



OUR PRODUCTS



eTaxCard[®]

MOBILE APP

Making Tax payments trusted & easy for the citizens!



Supported by



With eTax Mobile you can:

- ✓ Receive the e-Copy of your revenue receipt
- ✓ You can self register yourself and have a digital ID
- ✓ Electronically confirm all bills in real time
- ✓ You can access help and support directly
- ✓ Avoid Double Taxation or illegal revenue completely

Downloadable Now on



OUR PRODUCTS



DentalDoor is an online platform that seamlessly connects dental stakeholders (Dental Offices, Dental Professionals, Patients) and unifies the services and dental solutions rendered by each stakeholder.

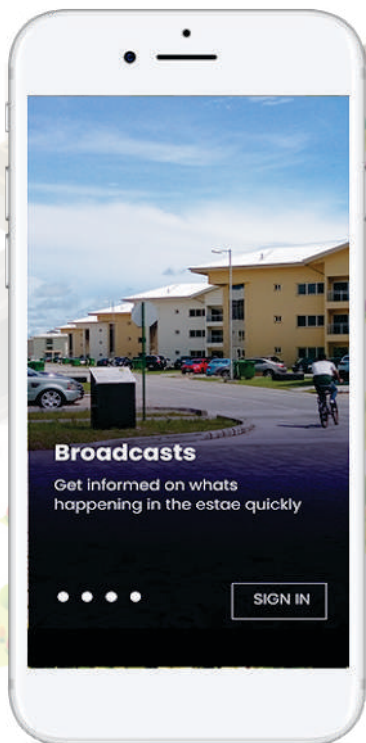
Visit <https://www.dentaldoor.ng/> for more



BETTER MANAGEMENT, BETTER ENGAGEMENT, ALL IN ONE SYSTEM.

Estate and Homes puts puts the power of simplified interactivity in the fingertips of residents — no matter where there are! Whether they are working in an office or on-the-go, they can always monitor activities in the estate from their mobile app.

visit <https://www.ning.estateandhomes.ng/> for more





WE
RE-IMAGINE
REALITY

with The 4 Disciplines of Execution (4DX)

...Kaizen, Continuous
Improvement Organisation

Visit our website at
www.byteworks.com.ng

OUR PROJECTS



[NIMC Enrollment Solution](#)

Design, Build, Deploy, Support since 2012 - till date



CORPORATE AFFAIRS COMMISSION

[Services.CAC.gov.ng](#)

Design, Build, Deploy, Support since 2014 - till date



SERVICES.GOV
Federal Republic of Nigeria

[Services.GOV](#)

Design, Build, Deploy, Support since 2013 - 2017



ABIAPAY

[abiairs.gov.ng](#)

Design, Build and Deployment in 2016, Including Data Capture Services



ENUGU STATE INTERNAL REVENUE SERVICE

[irs.en.gov.ng](#)

Design, Build and Deployment in 2017, Including Data Capture Services



[nlng.estateandhomes.ng](#)

Design, Build and Deployment in 2020

ACTIVE

PROJECTS



National Support of the **NIGERIAN eID**



HISTORIC PROJECTS



gombeirs.gov.ng

(2016 - 2019)



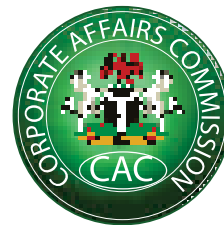
irs.an.gov.ng

(2017 - 2018)



iirs.im.gov.ng

(2019 - 2020)



CORPORATE AFFAIRS COMMISSION

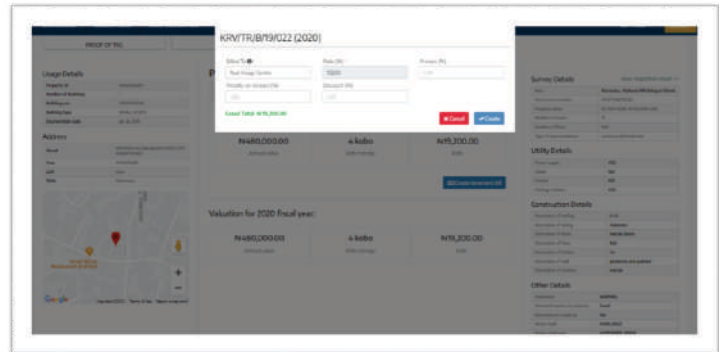
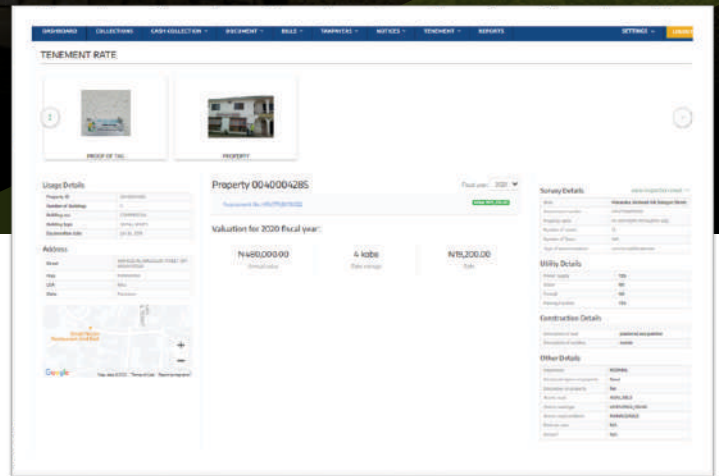
Company Registration Portal

(2014 - 2020)



TENEMENT RATE SOLUTION

Electronic Tenement Rate Assessment Bill



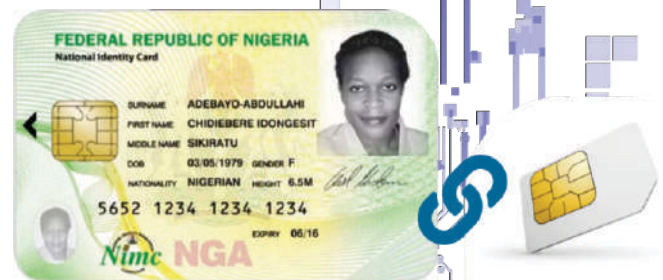
Once inspection has been completed on the field, the inspection details are captured against the surveyed property and the inspection notice is uploaded for proof of inspection.

After uploading the document, the tenement office then proceeds to access the property using the rental method, he enters the outgoings and gross rent which is automatically calculated at a given rate agreed by the council, the assessed annual value and the annual value is captured and is saved, and a bill can now be generated by clicking on create tenement bill. See below for the tenement generation interface.





Supporting MTN with **NIN ENROLLMENT NATIONWIDE**



There has been a growing need for the Telecoms to perform NIN enrollment of citizens during the process of SIM registration.

Byteworks is happy to continue to support MTN in successful NIN rollout nationwide



OUR REVENUE AUTOMATION DEPLOYMENTS

ICS solutions have already been deployed for the states below:



ANAMBRA STATE GOVERNMENT
<https://irs.en.gov.ng>
<https://anambrairs.com.ng>



ENUGU STATE GOVERNMENT
<https://irs.en.gov.ng>



ABIA STATE GOVERNMENT
<https://abiairs.gov.ng>



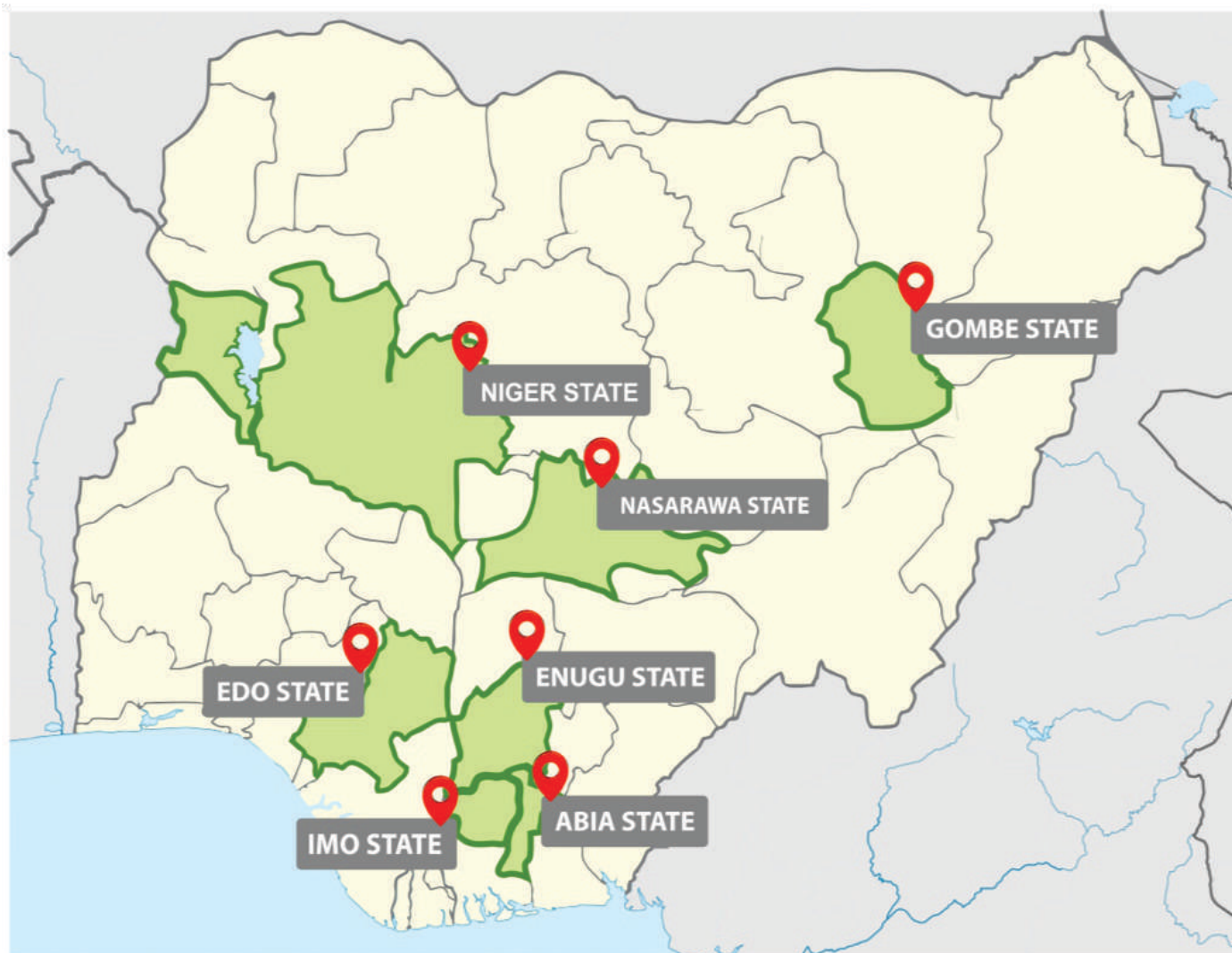
EDO STATE GOVERNMENT
Under Implementation



GOMBE STATE GOVERNMENT
<https://gombeirs.gov.ng>



IMO STATE GOVERNMENT
<https://iirs.im.gov.ng>



SOME OF OUR CLIENTS



Federal Republic of
NIGERIA



Edo State
GOVERNMENT



**ARAB
CONTRACTOR**



Mobile Telephone
NETWORK



Enugu State
GOVERNMENT



University Of
NIGERIA NSUKKA



Zenith Bank Plc



Abia State
GOVERNMENT



THE NO.1
REVENUE
ENGINE IN



NIGERIA

WELCOME ONBOARD!

visit www.byteworks.com.ng for more information



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