INTRODUCTION

BlaqChain Nigeria is an Asset Integrity and Corrosion Management outfit based in Lagos, Nigeria. The team has a significant amount of work experience in this specialist field spanning the power industry, oil and gas (Refinery, LNG, Fuel/LPG Stations, Processing Plants etc), construction etc

Our areas of expertise include the following;

* **Asset Integrity**
* **Corrosion Monitoring & Control**
* **Inspection & NDT**
* **Technology Expert**

Our ability to generate unique and creative solutions to complex design and corrosion problems makes us unique. We have worked closely with known industry trail-blazers, software developers and top-notch academia to develop new products which we offer to our clients – see Game Changer narratives.

We offer simple solutions. The BlaqChain.legacy

These should be in a slider

**Our Core Vision**

To provide technologically advanced services to our Clients with competent engineering support.

To maintain high service delivery, client engagement and reporting standards

Total commitment to safe execution, zero delays, quality and cost effectiveness.

Effective control of all corrosion and integrity risks

## **Our Core Mission**

To be globally recognized as the exceptional specialist in the Materials, Corrosion, Inspection & Integrity Industry.

## **[Our Core Values](http://www.blaqchain.com/about-us" \t "_self)**

[Professionalism, Integrity and Excellence.](http://www.blaqchain.com/about-us" \t "_self)

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need a slider picture to show potential customers – Power plant, refinery, LNG plant, fuel station, LPG station, FPSO, concrete foundation, manufacturing plant,

[O](http://www.blaqchain.com/our-services)ASSET INTEGRITY

Asset Integrity management is a huge problem in Nigeria. We build to destroy. A pervasive absence of maintenance culture persists in our country. Numerous dilapidated infrastructure dot our skyline and corroded oil and gas facilities are a bane in the Niger Delta resulting in massive environmental pollution amongst others. Proper application of industry best practices and international standards by competent experts is urgently required to reverse this situation.

At BlaqChain, we have developed a marquee software called Pressure Equipment Integrity Management System (PEIMS) which can be deployed by any organization e.g Oil & Gas processing (upstream & midstream), Fuel /LPG stations (downstream), real estate/construction, manufacturing, power plants, etc This should be in a GameChanger box

Other services include (include these on a slider);

* Pressure Equipment Integrity Management System (PEIMS) ….GameChanger
* Inspection Data Analysis – Intelligent pigging, Spot UT, thermal, laser scan, coating etc
* Design – FEED / Detailed Design (Materials & Corrosion Specialty)
* Failure / Incident Investigation
* Integrity Management System Audit
* Corrosion Control Document Development
* Integrity Assessments
* Fitness for Service assessment
* Integrity Operating Window definition

TECHNOLOG EXPERT

We serve as representatives for reputable offshore companies with practical solutions which can offer a step change in corrosion and integrity management.

Here are a list of options;

1. Cathodic Protection

Offering: Design Services. AC Interference modelling. Equipment Procurement - MMO Anodes, Rectifiers etc (in a box to the right)

1. Pipeline Leak Detection

Offering: coming soon

1. Facility visualization – virtual reality

Offering: Coming Soon

CORROSION MONITORING & CONTROL

A number of companies typically place more emphasis on corrosion control/mitigation and less on corrosion monitoring. This is a huge gap. Furthermore, even less emphasis is placed on threat identification and risk ranking which altogether impact the corrosion mitigation strategy. At Blaqchain, we evaluate the full cycle and leave nothing to chance so your asset is totally protected.

Other services include (include these on a slider);

* Materials Selection
* Design – Materials & Corrosion Specialist input/deliverables
* Corrosion Management System Audit
* Cathodic Protection
* Coating Qualification
* Crack / Corrosion Damage Monitoring (Acoustics/ UT) Game Changer
* High Temperature Degradation

INSPECTION & NDT

The importance of inspection with regards to asset integrity is either undervalued or over emphasized, depending on the individual at the helm. This introduces various issues such as over spending, poor inspection coverage or inappropriate tool deployment etc. We can provide the required balance considering the entire spectrum and value chain of Asset Integrity and Corrosion Management especially considering the dearth of expertise in-country.

Other services include (include these on a slider);

* Non Intrusive Inspection
* Thermal Imagery Game Changer
* Drone Inspection
* UT / Phased Array
* Risk Based Inspection
* Corrosion Under Insulation(CUI) Inspection
* Positive Material Identification
* Corrosion & Mechnical Testing
* Weld / Coating Inspection

NOTE: All the bullet points are key words…..in addition to what you already have. We need to discuss how this appears on the site.