

FinTech (IT) Assurance Service



What We Do

Fintechs are the new economic currency in the emerging markets providing the opportunity for customers and service providers to realize increased financial inclusion, innovation and disruptive business models for profitability, growth and overall value creation. However, with advanced technology and changing business models comes associated risks which need to be mitigated for survival.

KPMG's Fintech Assurance Service focuses on identifying, managing, and mitigating the risks associated with Fintechs Technology environment. Our experienced cross-functional team possesses industry, regulatory and functional knowledge, as well as the requisite technical skills to help you design and implement appropriate risk mitigating controls for your business.

Our Fintech (IT) Assurance Services are specially tailored for FinTechs and covers the following core IT areas:

- 01 Technology Gap Assessment
- 02 IT Internal Audit Services
- 03 Revenue Assurance
- 04 Data Analytics & Big Data
- 05 IT Governance, Risk & Compliance Review
- 06 IT Performance and Change Management Review
- 07 IT Due Diligence (IT Deals Audit)

Who we Help

Our services are beneficial to FinTechs involved in the following areas:

- 01 Savings and Investment
- 02 Lending & Credit
- 03 Payments
- 04 Enterprise Financial Software
- 05 AgriTech, Reg-Tech, other FinTech players

Businesses that typically benefit from our services include:

- 01 Firms that require independent IT risk assessments and and/or compliance reviews, along with recommendations for risk mitigation.
- 02 Companies that require in-depth revenue assurance reviews to ascertain completeness and accuracy of reported revenue
- 03 Information technology, Information security, risk management, internal audit, legal and compliance and application development teams looking to assess (a) development and deployment procedures, (b) secure coding practices and policies, and/or (c) governance and operational processes

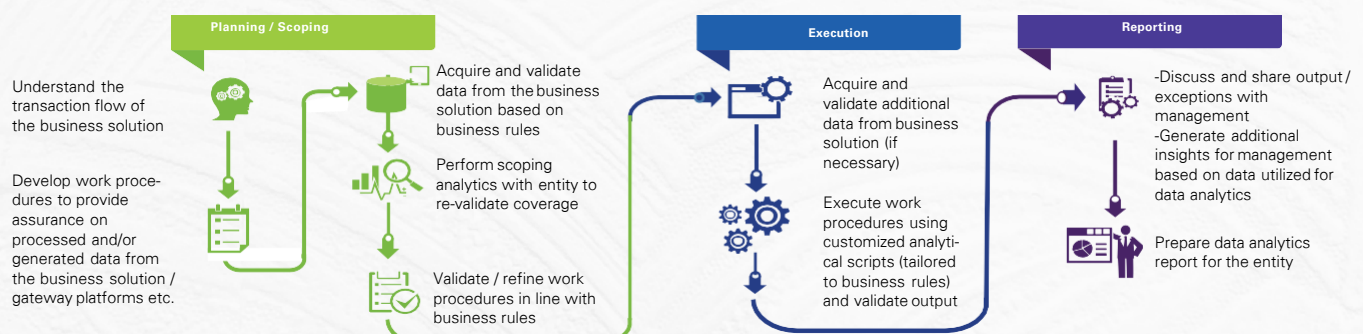
KPMG's Technology Audit Approach



Strategic Assessment and Planning	IT Audit Execution	IT Audit Reporting	Roadmap Design
<p>This phase will involve an objective assessment of the technology environment and includes the following activities</p> <ul style="list-style-type: none"> Develop project plan Identify key business processes, critical IT applications and key IT risk areas Develop audit program detailing controls to be tested, audit procedures and information required 	<p>This phase consists of the following:</p> <ul style="list-style-type: none"> Assess adequacy of design and implementation of controls to mitigate identified risks. The assessment will cover the following areas; IT Governance, Strategy & Organization IT Systems & Applications Controls IT General Controls (ITGCs) IT Platforms & Infrastructure 	<p>This phase will involve the following:</p> <ul style="list-style-type: none"> Document technology audit reports detailing noted gaps and recommendations for resolution of identified inadequacies. Communicate and agree factual accuracy of audit findings 	<p>This phase will involve the following:</p> <ul style="list-style-type: none"> Design of the recommendation implementation roadmap with timelines and priority indicators Communicate and agree timelines for the implementation of the recommended roadmap

Collaboration / Knowledge Transfer

We have an established methodology to guide our data analytics procedures and assurance checks for transactional data flows & data processing review for configured systems, analytical engine logic and business rules for FinTechs and related organizations.



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Our Value Proposition



Right Focus

We focus on the C-Level & Board Level agenda in relation to organisational dependency on technology. We are agile at service delivery.



Right Impact

We focus on strategic risk areas with the aim of highlighting critical improvement points as they impact the overall business. We possess the skill-set to serving as assurance partners



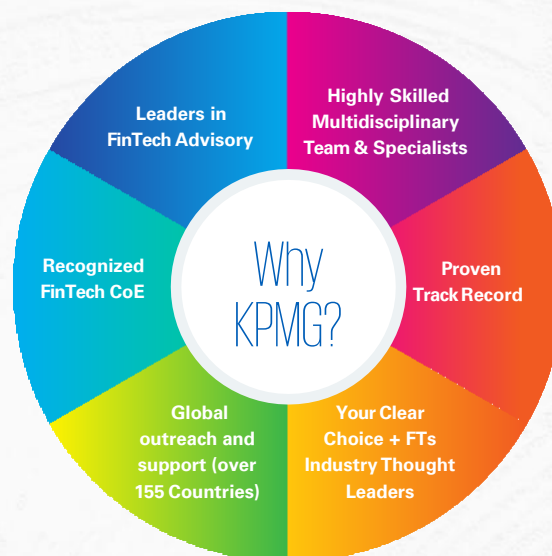
Skills & Expertise

Our core team possesses deep skills and expertise especially in the following areas – IT Governance, Data Analytics and IT Projects Quality Management amongst other areas. When necessary, our global teams are easily within reach and are available to collaborating with our IT specialists



Integrated Approach

We are agile in our service delivery. We have deep understanding of core business processes and how technology supports these processes i.e. IT as a business enabler. We leverage our multi-disciplinary capabilities in ensuring maximum value is created for our clients.



Client Success Story

Client : Leading Payment and Transaction Processing Company in Nigeria

In line with its agenda of re-positioning the company strategically, the management of the Company requested KPMG to perform a thorough assessment of its Information Technology platform and landscape. The review spanned the following areas:

- IT Platforms & Infrastructure : comprehensive review of the enterprise applications landscape (including core payment and switching applications, financial reporting and other enterprise process support systems) in relation to the business imperatives & growth plans. It also included assessment of the functional adequacy of these systems against business requirements
- IT Operating Model : This entailed the review of the organizational structure of the IT function as well as assessing maturing of IT operations
- IT Infrastructure and Projects: This entailed assessing the adequacy of the Company's technology infrastructure in meeting the performance and availability requirements of the business. It also included analysis of IT projects methodology and development approach for all ongoing and planned projects.
- Infrastructure Security: This review assessed the adequacy of the security of infrastructure at the Company. It covered the following:
 - Security Governance and Operations review
 - Security Architecture review
 - Security configuration review

Deliverables

The deliverables on the engagement included amongst others the following:

- Technology Risk Assessment Register
- IT Audit Report (with key IT Gaps highlighted)
- Vulnerability Assessment and Penetration Testing Report
- Valuable insights and recommendations (with clear timelines) for improving the privacy, security, user experience and governance of its mobile application.

Benefits to the Client

The client was very pleased with the outcome of the engagement and requested KPMG to perform annual IT Audit Reviews. Client feedback revealed that the engagement met its objectives which included:

- Improved security posture
- Stronger technology landscape
- Increased Board Confidence on overall IT Environment

Contacts

For more information on how your company can benefit from KPMG's Fintech Assurance Services, please contact:



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