

ISLAMIC AND TRADITIONAL DIGITAL ONLY BANK – DOB



its[®] International
Turnkey
Systems

Ethix **NG**[®]
NEXT GENERATION

Islamic and Traditional Digital Only Bank – DOB

The financial industry is evolving, and digital banks are adopting different business models that differentiate them from other traditional banks or specialized digital financial services providers.

The lower base cost and wider geographical reach make digital banks particularly optimal for delivering modern financial services to the underserved segments of the market.

ETHIX NG comprises a comprehensive client-centred array of products that can be deployed through Digital-Only-Banks (DOB) that allow your business to expand its customer base at a faster and more affordable rate.

With the ability of fast cost-efficient scaling through Digital-Only-Banks (DOB), financial institutions can enhance customer convenience and loyalty in addition to generating stronger analytics insights while ensuring data security and regulatory compliance.

The state-of-the-art platform brings to you the agility and efficiency you need for optimal organizational effectiveness and speed of decision-making.

In addition, ETHIX NG leverages Big Data AI to enforce an Automated Risk management system of both financial and data threats leveraging, that is smartly designed to minimize operational costs at every level.

Towards a customer-centric business

ETHIX-NG CRM solution helps financial institutions become more customer-centric, helping them to better manage their relationships with customers and business partners by automating manual business processes, enhancing generation of customer-related data, and facilitating effective communications with both current customers and prospects.

Next generation marketing

ETHIX-NG CRM takes marketing campaigns to the next level. Financial institutions can design campaigns and target relevant customers for more successful cross selling and up selling, with detailed performance measures providing valuable customer insights that can inform future marketing decisions. ETHIX-NG allows financial institutions to manage customer activities effectively and efficiently, by booking meetings and appointments that can create new opportunities and lead generation for cross selling and upselling activities.



Discover **ETHIX NG**, the new flagship banking solution that uses AI, Machine learning and Big Data to digitize business processes and elevate banks and Financial institutions to the Digital Age.

Compliant customer onboarding

ETHIX-NG Customer Management interface is a multi-channel customer on-boarding solution that is intuitive, interactive, and user-friendly. The interface provides online customer opening forms that can be accessed at any time and from any device while remaining fully compliant with regulatory standards such as Blacklist, FATCA, CRS, AML, Risk Rating and Credit Rating.

Intuitive & agile

Designed with a three-decade-long understanding of customer onboarding related challenges, the ETHIX NG Customer Management interface is smart, comprehensive, and simple. Users have the flexibility to complete online applications in one session or save intermittently and come back later for completion. The flexibility of ETHIX NG Customer Management's Configurability provides a future-proof solution that helps financial institutions adapt to a dynamic market and changing customer needs.

Customer satisfaction guaranteed

With improved turnaround times and enhanced services, higher risk tolerance level and de-risking of business processes, ETHIX NG guarantees higher levels of customer satisfaction.

A Tightly Managed Financing Business

Dynamic Workflow

ETHIX NG Finance Origination & Operation Engine is completely managed by a dynamic workflow configured by the financial institution. The Engine provides the User with the facility to define properties of the cash flow plan which will be used in each transaction, in addition to defining the business model that the financial institution can apply. This is mapped at the end to Fixed Native Applications related to the Banking and Financial Industry including Finance, Leasing, Trading, Investment & Treasury and Reverse Financing.

Dynamic Finance Management

ETHIX NG Finance Management Engine automates the lending operations of financial institutions, supporting all types of lending products such as Personal Finance, Syndicated Loans, Murabaha, Istisnaa and others. The Engine provides a variety of finance profit calculation methods, a flexible rates mechanism, and a dynamic repayment schedule generation engine that can support an unlimited number of payment schedules.

Comprehensive Agility

The Finance Management Engine delivers optimal flexibility to financial institutions. The Engine facilitates skipping a payment, early payment or finance payoff, in addition to the offering of flexible charges and commissions capabilities that provide the financial institution with the ability to define their own charge matrix and apply this charge within the finance life cycle while including VAT and other Tax schemas.

Intuitive Automation

ETHIX NG Finance Management Engine allows the facility for auto collection of instalments from customer account on the due date, with multi-settlement capabilities and the definition of a coverage account in case insufficient balance available in the main settling account. The intuitive Engine Automatically applies a hold on the account for the past due instalment in order to retry collecting the amount once the funds are available.



Smarter Credit Decision

Controlling credit risk

ETHIX NG supports financial institutions in managing and controlling credit risk, providing the financial institution with a flexible end-to-end functionality combined with unmatched scalability to reduce risks and minimize human errors. ETHIX-NG's Intelligent Credit Analysis and Facility Granting module, allows financial institutions to control credit risk at all levels. This includes at the point of origination, upon individual account review, at the portfolio level, and also to control operational risk using ETHIX-NG standardized workflow to enforce credit management policies.

Accurate analysis

Financial statement analysis is a key process in Corporate Financing and ETHIX-NG Financial Analyzer provides unmatched flexibility in the ability to define financial spreading ratios and calculations. On the retail side, ETHIX-NG provides a template-based retail credit analysis, and according to the financial institution's needs, a credit analysis template can be designed with the ability to create score cards for different products, define the factors inside the score cards and evaluate the customer automatically.

Eliminating guess work

ETHIX-NG's Rule Based technology automates processes, including application approvals to create an effortless user experience. Using Industry-leading scoring technologies, ETHIX NG eliminates the guesswork in Financing and credit decisions, even with high-risk clients. Its sophisticated self-learning algorithm supports the credit management operation in making faster and more accurate decisions, while its rule-based credit decisioning reduces the risk of non-repayment. With ETHIX NG automatic or semi-automatic decision making that is made in seconds can ensure the financial institution is working with the right borrowers on the right terms.

Robust Collateral Management

ETHIX NG delivers a robust Collateral Management Engine that enables financial institutions to define collateral categories, such as Vehicle, Commodity, Property, Shares, Portfolio, etc. and design the needed input data by collateral category.



Islamic Digital Only Bank – DOB

Islamic banks are facing numerous challenges in today's increasingly complex business environment. In addition to keeping up with emerging technologies, Islamic banks must find innovative solutions to ensure compliance with changing regulations, customer demand for personalization and customization, including end to end digital onboarding and a seamless omnichannel digital banking experience. Islamic Digital Banks must also be able to effectively collaborate with fintechs, and ETHIX NG, the next generation core banking system by ITS, is designed to address these challenges and empower Islamic digital banks to achieve sustainability and succeed in the Digital Economy.

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Dynamic Accounting Solution

ETHIX NG Accounting Entries Engine provides financial institutions with a dynamic mechanism to effectively and efficiently manage their accounting needs. The Engine provides for the setup of all needed financial entries for each business transaction and processes and supports online transactions posting 24/7 with the capability to future and back date entries. Financial institutions can simply create group of accounting entries to be posted automatically with the attached business purpose.

Powerful 3rd Party Interface

The Accounting Entries Engine provides a comprehensive interface for posting entries by authorized 3rd parties over the ESB layer, meeting today's demand for 3rd party applications to post financial transactions directly to the institutions core banking system.

Automated Online Control

ETHIX NG Accounting Entries Engine empowers financial institutions with complete online control and viewing capabilities. The Engine realizes Foreign Exchange gain and loss instantly and posts the relevant accounting entries while also automatically generating Interbranch legs while simultaneously posting the transactions.

Automatic peace of mind

Provisioning is a process designed to secure a Financial Institution's financial position and ensure compliance with all financial and regulatory requirements. Provision Amounts represent the amount deducted from income to cover anticipated losses on finances and overdrawn accounts. ETHIX-NG Provision module automates the entire provisioning cycle, from setting up the criteria of calculation, to execution and GL reconciliation.



The Key of Flexibility and Maintainability

ETHIX NG Archiving Engine

ETHIX NG Archiving Engine equips financial institutions with the tools to safely, securely and conveniently archive old data to ensure regulatory compliance and for historical reference. Ensuring an effective archiving capability is important in order to offload the production environment with old or closed operations while complying with regulatory requirements.

Powering Business Processes

ETHIX-NG's built in BPM Engine manages processes across multiple organizational business units, streamlining and simplifying your business workflow and enhancing organizational efficiency and effectiveness. The Engine, which acts as an enterprise middleware by transferring processes between different business units executes business processes uses the latest BPMN 2 specifications, offering businesses a systematic workflow approach that reduces human errors, enhances communication between stakeholders and builds effective collaborative processes between various lines-of-business within the organization.

Customized Layouts

ETHIX-NG bridges the gap between business analysts, IT and end users through process management features and tools that benefit both business users and IT. Users can build their preferred process with customized layouts to ensure every business process is tailored to business users needs and is easily understood.

Flexible & Adaptive

Real-life business situations can be complex and are not always easily described using a rigid process. ETHIX-NG supports adaptive and dynamic processes that require flexibility, allowing users to deviate from the process when needed including the ability to control which parts of the process should be executed.

Solution for a transforming industry

The Financial Services industry is undergoing continuous transformation. Businesses need a system dynamic enough to support these changes with faster time to market and lower total cost of ownership. ETHIX NG Business Rules Engine is a comprehensive solution with integrated core modules and front end modules and features designed to support any business rules and conditions, allowing the fast and reliable evaluation of business rules and complex event processing. The Business Rules Engine can be used across all ETHIX-NG areas including Business Process Management, Workflow/Override, Systems Screens Validations, Policy Parameters and controls, Credit Scoring, Finance Pricing Matrices and much more.

It's All About Expandability

Meeting Market Demand

In line with digital banking trends, ETHIX Mobile provides a wide range of functionalities including fully automatic and compliant customer onboarding, a comprehensive lending platform offering comprising lending request online submission all the way to the lending origination system, request following up, after-sales services submission and follow up, a full goal setup, spending categories monitoring tool and much more.

Next Generation Internet Banking

ETHIX Net is an easily configurable, cost effective and secure e-banking solution that provides financial institutions with a unified and centralized view of the customer and a single point of access to all dealings between the customer and the financial institution, including all retail and corporate relationships.



Micro Branch Expansion

ETHIX XTM, or the "eXtreme Teller Machine" is in fact a state-of-the-art micro branch that combines visual, interactive financial services and self-service technology to offer customers 24/7 secure access to financial services. ETHIX XTM facilitates Financial Institution expansion by providing a portable branch solution at a reasonable cost, leveraging the institutions current customer-base while attracting new customers fast!

Exceptional Customer Experience

ETHIX Mobile offers customers an exceptional on the go banking experience, providing a broad range of mobile transactions, from simple inquiries to complete subscription and redemption transactions and mobile alerting and payment models to satisfy the needs of every customer segment. The user-friendly Application is built with a native mobile development approach to provide the highest level of security, stability and performance on Android and iOS mobile platforms while supporting multiple languages for increased customer satisfaction.

About ITS

International Turnkey Systems (ITS Group) provides advanced technology solutions for banks, government, and other private sector organizations across a wide array of industry, with demonstrated technology competencies and high-end skill capabilities that support client's critical business functions Headquartered in the State of Kuwait, with R&D facilities in Kuwait and Cairo and a presence throughout the Middle East, Africa, the Americas, the Caribbean and the Russian Commonwealth (CIS), ITS Global Business Solutions Development Center (GBS) in Cairo delivers Managed Services globally, bringing expertise to all stages of the software development process, and providing the support companies need to transition from legacy systems to new technologies. Our award-winning flagship solutions package, ETHIX, supports the digital transformation of financial institutions and is trusted by leading banks worldwide.

For more information please visit www.its.ws or email info@its.ws



**A solution built now
for the future**

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