

# ISLAMIC INVESTMENT



**its**<sup>™</sup> International  
Turnkey  
Systems

**Ethix NG**<sup>®</sup>  
NEXT GENERATION

## Islamic Investment

ETHIX NG is the system of choice for banks and financial institutions to bring their global Investments and Treasury business into a single platform, covering a broad array of pre-configured, customizable treasury, capital markets and investment products. The comprehensive platform ensures rapid time-to-market for new products and empowers organizations to transform the market with scalable offerings.

Robotics and machine learning solutions have to be incorporated by investment companies to automate processes in reconciliation, fraud detection, and financial crime activities.

The automation of fund transfer which is achieved via digitization and smart contracts can help facilitate real-time transactions and increase interactions with correspondent banks.

In addition, the implementation of biometrics can help provide greater payments security for clients and increase the speed of the lifecycle process.

ETHIX NG, the next-generation core banking system created by ITS, including ETHIX-Fund and ETHIX-Folio, is designed to address current challenges and meet customer demands, empowering investment companies to maintain sustainability, and succeed in the Digital Economy.

First, ITS has designed, in particular, ETHIX-Fund Management to offer a streamlined system from the front-end application through back-office operations. This product is a comprehensive and configurable system. It enables banks and investment institutions to manage their funds as unit holders' funds.


ETHIX-Fund Management is fully IAS compliant and offers the following:

- The creation of different types of funds
- Each fund is a separate entity
- The fund has its own set of books and financials
- The ability to manage dividends (Cash and Shares) NAV, and Fund Fees processing
- Close Fund

Second, ETHIX-Folio comprises various profiles with specific rules and conditions linked to different business components and supporting the investment transactions execution. In addition, it enables the classification and management of different types of portfolios.

ETHIX-Folio comprises various investment products such as funds, bunds, shares, real estate, FX, T-bills. Moreover, it offers different types of portfolios like Customer, Institutional, Fund/Managed portfolios, and Sukuk portfolios and amongst others.

Furthermore, it provides investment processes that can be executed by an automatic scheduler or by manual (ad-hoc), and through it, the investment transactions are executed.



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.

## 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.

# 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](http://www.its.ws) or email [info@its.ws](mailto:info@its.ws)



A solution built now  
for the future



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