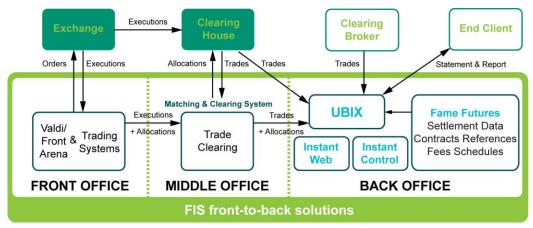# UBIX

Flexible and real-time global back-office system for listed derivatives

UBIX™ is a real-time back office system for cleared derivatives that facilitates global clearing for both sell side and buy side firms across the financial industry. Built as a global system, UBIX offers time zone independent automated processing to ensure that each market supported by the system can be opened or closed independently of all the others. By producing end of market data earlier in the day, UBIX lowers operational risk and increases system availability for new trades and activity. UBIX is based on a SOA architecture using Java and Oracle® database technologies. It offers flexibility, scalability, robust performance and openness via a full set of built-in web-service APIs.

UBIX within the Derivatives Trade Flow

Empowering
the Financial World

FIS

Automated and robust solution for derivatives clearing and settlement

A single, global system to support your derivatives clearing in real-time

- Back office accounting functions that cover the global listed and cleared derivatives marketplace including futures, options, IRS, CDS, NDFs and many more

- Multi-entity capability with automated inter-firm trade regeneration allows for a global organization to be supported through a single back office system

- Typical market support includes management of exchange data feeds, market data, fees, margin replication and clearinghouse reporting

- Robust regulatory agency reporting includes dedicated modules for both EMIR and MIFID reporting

- Robust trade charging capability supports global exchange marketplace as well as 30+ formulas for commission calculations

- Real-time trade capture via clearing houses gateways ensures trade confirmation as soon as it is available from clearing

- Ability to generate intraday reports on open positions and cash balances give you the data you need, when you need it

- Ability to generate ad-hoc reports for export via direct database connection

- Ability to create the customized reports through Report Writer module

- Email and FTP report distribution to account holders via "eCom" module

- Out of the box integration with common general ledger systems

- Ability to load external trades, payment records and prices from external systems via easy to use APIs

Straight-through-processing that increases efficiency and reduces operational risk

- Real-time connectivity via FIS' middle-office system Clearvision™

- Automated End of day process and report generation via embedded scheduler "Autopilot" module

- Time zone based processing by market allows fragmentation of traditional End of Day batch, delivering data earlier in the day than otherwise possible

- Automated close-out and other positions management functions help reduce errors and improve data quality

- Daily updates of contract & settlement data through FIS' Clearing Market Data service

- Exchange and clearing broker reconciliation with FIS post-trade reconciliation solution Intellimatch™

- Live market data source to feed real-time interest rates and exchange rates for intra-day position monitoring

Industry-Leading IP

Innovative Solutions

Reducing cost and risk in derivatives clearing

Clearinghouse margin generation and maintenance

- Provides independent generation of major clearinghouse margin methodologies
- Client clearing management with a flexible party structure
- Supports multiple views of margin requirements – regulatory, counterparty, customer and exchange
- Detailed margin production reports allowing independent generation of margin and automatic reconciliation with counterparties
- Cross-margin capability and web-based what-if margin simulation facilities for end customers

Post-trade risk management with Instant Control module

- A real-time, post-trade, risk monitoring system offering intraday monitoring of accounts and portfolios via simple and easy to use screens.
- Instant Control allows users to set up customize alert over Initial Margin, Equity and a wide range of other balances tracked in the back-office system
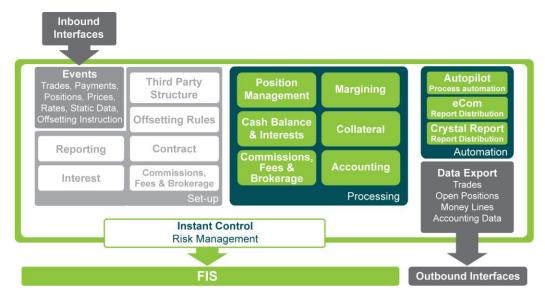
Brokerage management through Brokerage Billing module

- Full support for brokerage charges and payments for listed derivatives
- Drill-down capability makes research into brokerage fee breaks easier and more efficient
- Comprehensive payable/receivable tracking function and aged debtor analysis
- User-defined invoices allow customized look and feel for your firm

Web portal platform through Instant Web module

- User-friendly modular web portal platform that allows users to:
  - Follow clearing status of trades
  - Handle what-if margining and real-time margin computation
  - Monitor positions and download reports
- Increases transparency and efficiency by giving controlled access to non-operations users (brokers, finance team etc.)
- Helps banks**/**brokers deliver value-added services to their external clients

Modular structure to adapt functional features to client business requirements

A reliable modular platform that is scalable and can support your business as it grows

A proven, robust and open platform

- N-Tiers, Oracle-based solution with an excellent price/performance ratio
- Ability to quickly and easily add new markets and products to the system as your business needs them
- Two-way communication with external systems through business oriented APIs makes integration faster, easier and less costly
- Available in-house or on FIS Managed service platform
- Backed up by largest product and services support team in the industry today

Back-office data services with Fame Futures
Seamless integration of market data to the back-office system, covering more than 80 derivatives exchanges globally.

- Automated delivery of risk array, settlement data and contract setups
- Clearing and exchange fee static data fed automatically to UBIX to reduce charging errors and increase operational efficiency